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# PARK'S FLORAL MAGAZINE

VOL. XXXVIII. LIBONIA, FRANK. CO., PA., JANUARY, 1902. No. 1.

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Address all advertising communications to **THE C. E. ELLIS CO., Adv'g Managers,**  
 713-718 Temple Court, New York, N. Y.

## Park's Floral Magazine

For More than Thirty Years the Leading Floral Journal  
 in this Country.

**P**ARK'S FLORAL MAGAZINE was the first periodical of its class published in this country. It was established as a monthly by its present editor and proprietor in the year 1871, and has been continuously published by him ever since. It is now, as it has always been, devoted entirely to flowers, and the floral information it conveys is varied, practical and truthful. It is not only the pioneer, but the favorite Floral Magazine of America, and has the largest circulation of any journal of its class in the world. Many who love flowers have been appreciative subscribers for years, as the following sample letters, recently received, will attest:

Mr. Park:—I have read your Floral Magazine for ten years, and can truthfully say it contains more practical information about flowers than any other Magazine of its kind I have ever seen.

Mrs. Julia Matherson.

Marlboro Co., S. C. Oct. 24, 1901.

Mr. Park:—I have read your Magazine for twelve years, and cannot get along without it.

Mary L. Larson.

Mr. Park:—I appreciate the Magazine more and more as the years go by.

Martha Walker.

Montgomery Co., Kas.

## AN IMPORTANT CHANGE.

Park's Floral Magazine has heretofore been printed upon flat-bed presses, folded upon individual folders, stitched upon wire stitchers, and trimmed upon an individual trimming machine, all run by steam power and fed by hand. This was a slow and expensive way of issuing, and the subscription price was necessarily 25 cents a year. With this number, however, a new method of issuing is adopted. R. Hoe. & Co., of New York, have designed and constructed for the publisher a machine which takes the paper from a roll, prints both sides, folds, binds and trims, turning out 100,000 complete copies of the Magazine in a day, and the machine runs inexpensively by water power. It does all—a man only staying by to see that it works properly. This ingenious machine cuts down the expenses of publication to a mere fraction of what they formerly were, and I shall give my numerous subscribers the benefit of this reduction by making the subscription price of the Magazine 50 cents for Five Years. I shall not accept annual subscriptions hereafter. The Magazine will be sent for a few months on trial for 10 cents, but all regular subscribers must give their orders for five years.

The keeping of a large subscription list is not an easy task. Two and three persons have constantly been at work upon the Magazine list heretofore, casting out and putting in names, and still there are occasional complaints. The five-year list will be much easier adjusted, and much less expensive to correct and keep in order, and our subscribers will not be troubled to renew their subscriptions every year, as heretofore.

The Post Office Department has lately ruled that no publisher is allowed to extend a subscription beyond the time for which it is paid. This deprives me of the right to continue the Magazine when requested to do so by my friends, unless paid for. The Department has also decided against offering anything as a premium, so that those who want the Magazine must pay for it. I hope, therefore, that my friends will renew, and send in five-year subscriptions as soon as it is convenient for them to thus favor me. I expect to make the Magazine more interesting and helpful in the future than in the past, and I shall appreciate the favors and efforts of my friends in enlarging my list, and try to merit their confidence by serving them more faithfully in the future than I have in the past. Address

**GEO. W. PARK, Ed. & Pub., Libonia, Franklin Co., Pa.**



# CHOICE VEGETABLE SEEDS.

For 10 cents I send these Choice Vegetable Seeds—10 well-filled packets, fresh, first-class and of the very best sorts. There are none better. See your friends and neighbors and get up a club. Read the list:

## **Beet, Improved Edmand.**

A perfect Beet for family use, surpassing all others. It is early, of large size, blood red, never woody, but always tender, very sweet, rich and melting. Very productive and keeps well till spring. Use it once and you will have no other. Per oz. 15 cents,  $\frac{1}{4}$  lb. 12 cents, lb. 35.

## **Cabbage, Select Early Jersey Wakefield.**

This is the earliest Cabbage in cultivation, and the strain offered bears heads almost twice the size of the common Wakefield Cabbage, while it is short-stemmed, very solid, and can be used throughout the season. It is sure to head, and is sweet, crisp and delicious, either raw or cooked. It is certainly the best early Cabbage. Per oz. 12c.,  $\frac{1}{4}$  lb. 40c. lb. \$1.50.

## **Cabbage, Excelsior Late Flat Dutch.**

For the main crop this is the best of all varieties of Cabbage. Every plant forms an immense, solid head, sweet, crisp, tender, does not often burst, and keeps well throughout winter. It can truly be called Excelsior, as there is not another late variety that can excel it in any respect, no matter how highly described or how wonderful its history. This is the best late Cabbage. Nothing can be better than the best. Per oz. 12c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.50.

## **Cucumber, Improved White Spine.**

The most desirable of Cucumbers, either for slicing or pickling. Medium in size, early, very prolific, handsome in appearance, crisp and tender. It has no equal. Per ounce 5 cents,  $\frac{1}{4}$  lb. 15 cents, lb. 50 cents.

## **Lettuce, Improved Hanson.**

A very superior Lettuce, coming early and continuing tender and usable longer than any other sort. The leaves are beautifully curled and crimped, rich greenish golden yellow, densely arranged and devoid of the unpleasant bitterness of most sorts. Oz. 8 cts.,  $\frac{1}{4}$  lb. 30 cts.

## **Onion, Wethersfield Early Red.**

This is a superior Onion, that matures early, yielding large, solid, mild-flavored bulbs that keep well till Onions come again. It produces large bulbs from seeds the first season when sown early, thinned and cultivated. For sets sow thickly. Per oz. 10 cts.,  $\frac{1}{4}$  lb. 35 cts., lb. \$1.25.

## **Muskmelon, Emerald Gem.**

From repeated trials we believe the Emerald Gem is the best Muskmelon for the family garden. The melons are not large, but the vines are hardy and prolific, as easily grown as a Cucumber, and every melon will ripen sweet and delicious, even in locations where other sorts are worthless. A trial will convince you of its merits. Per ounce 5 cents,  $\frac{1}{4}$  lb. 15 cents, lb. 50 cents.

## **Radish, Choice Mixture.**

For the family garden a mixture of early, medium and late sorts is most satisfactory, as the Radish bed will thus supply the table throughout the season. I offer a first-class mixture of the best sorts, that will be sure to please. Per ounce 5 cents,  $\frac{1}{4}$  lb. 15 cents, lb. 50 cents.

## **Parsnip, Improved Sugar.**

This is not the old-fashioned, long, slim, late Parsnip, but a greatly improved variety, large, thick, short, early maturing, of fine texture and very sugary. It is unexcelled and always satisfactory. The seeds offered are fresh and can be depended upon for a fine crop. Per ounce 5 cents,  $\frac{1}{4}$  lb. 10 cents, lb. 35 cents.

## **Tomato, Improved Beauty.**

A very early Tomato, large, smooth and solid, borne in fine clusters, sweet and of high flavor. Does not wrinkle, rot or crack, as many early Tomatoes do. Excellent for either slicing or canning. Unsurpassed as an all-around sort for the family garden. Per ounce 15 cents,  $\frac{1}{4}$  lb. 50 cents, lb. \$1.50.

The above 10 packets Choicest Vegetables only 10 cents. Ask your friends to send with you. If not satisfied when you get the seeds return them and I will refund your money. To encourage club orders I will send one of the following for each additional order you may send, or all, 16 packets, for a club of 15 (\$1.50): Asparagus, Snap Bean, Carrot, Paschal Celery, Country Gentleman Sweet Corn, Egg Plant, Kohl Babi, Watermelon, Parsley, McLean's Gem Pea, Squash, Stone Tomato, Salsify, Turnip, Rutabaga, Spinach. Any packet 3 cents, or all, including the 10-cent collection (26 pkts.), for only 25 cents. You can secure enough seeds for a large vegetable garden by a half hour's work among your friends. Address

GEO. W. PARK,  
Libonia, Franklin Co., Pa.

PLEASE NOTE.—26 packets Best Vegetables, all different, a complete garden, only 25 cts. See list above.



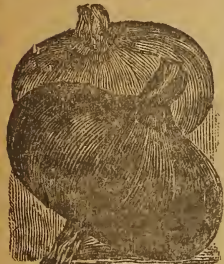
BEET.



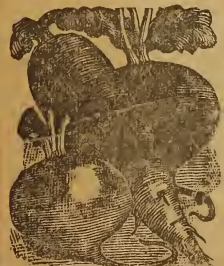
EARLY CABBAGE.



LETTUCE.



ONION.



RADISH.



CUCUMBER.



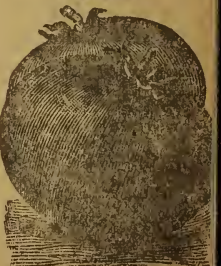
LATE CABBAGE.



MUSKMELON.



PARSNIP.



TOMATO.





# FUR COLLARETTE FREE

Don't pay out your good money for a beautiful Fur Collarette when you can easily earn one by a few hours pleasant work, during spare time, selling our Jewelry Novelties. This is strictly an honest and straightforward advertisement, we guarantee to do exactly as we say, and every lady who will sell only 8 of our latest pattern 18k solid gold plated enameled Venetian Brooches will receive our generous offer of this beautiful Black Canadian Seal Fur Collarette, with 12 d. z. white Handkerchiefs, silk embroidered, and a beautiful Ladies' Pocket Book, all 1 leather, gilt or Silver metal front decorated, which we give absolutely free for selling 8 of these Brooches. We ask no money in advance, if you agree to sell only 8 of these fast selling Brooches at 25c each send name and address and we will mail them post-paid. They positively sell on sight. When sold send us the \$2.00 and we guarantee if you comply with the offer we shall send you with the Handkerchiefs and Pocket Book, this beautiful Fur Collarette will be given absolutely free. These Handkerchiefs are pure white, pointed, white scalloped edge, 12x12 1/2, floral embroidered in one corner in wash silk. The Pocket Book is all leather, elaborate stampings, nickel frame coin compartment, all around gilt or silver metal front decorated. The Fur Collarette is made of genuine Black Canadian Seal, it is very fashionable for winter wear, but is useful for evening wear all the year around. Premiums are sent post-paid same day money is received, and we positively guarantee them to be exactly as represented.

J. A. Berg, Morehead, Minn., writes: "The Premiums received for which I thank you. I SOLD THE JEWELRY YOU SENT INSIDE OF AN HOUR." "I received my Fur Collarette some time ago, and I THINK IT IS GRAND FOR SO LITTLE WORK. I thank you very much for sending it. My friends think it is lovely. Closing with many thanks, Lily Hopkins, Great Falls, Mont." 637 Write to-day, don't miss this rare chance. Address: NATIONAL MERCANTILE COMPANY, Dept. 416 EAST ST. LOUIS, ILL.

## KING FROST REIGNS TO-DAY.

The chilly winter days have come  
With all their dreary gloom.  
How desolate the garden is,  
Once radiant with bloom!  
We look in vain for blossoms there,  
The skies are cold and gray,  
We shiver as the North wind blows,  
For King Frost reigns to-day.

Russell Co., Va.

Helena.

## CHILDREN'S CORNER.

Dear Mr. Park:—I am eight years old. I go to school and am in the second grade. I have three brothers, but no sister. I have read the Children's Corner in the Magazine, and I love flowers as well as anything, but we don't raise very many. We have Sweet Peas, Zinnias, Sun-flowers and some others that I cannot spell. I study reading, writing, arithmetic and spelling.

Lester D. Cowlit.

Champaign Co., Ohio, Oct. 22, 1901.

Dear Mr. Park:—I am a little girl twelve years of age. I go to school every day and I am in the fifth grade. I have a large flower garden and I love flowers very much. You have sent my mamma the Magazine and I enjoy reading the Children's Corner. My mamma has many kinds of flowers. For pets I have a little kitten and a calf.

Elvera Stratford.

Boxelden Co., Utah, Dec. 2, 1901.

Dear Mr. Park:—I am a little girl nine years old. I go to school and am in the fifth grade. I live on the Pacific coast. Here there are many beautiful wild flowers. In the spring time the whole country is one beautiful flower garden. My sister takes your Magazine and likes it very much.

Monterey Co., Cal., Dec. 4, 1901.

Dear Mr. Park:—Mamma has taken your Magazine for ten years; she says it is a bright little flower book. I like to read the letters in the Children's Corner. I am seven years old and I am in the second grade. For a pet I have a white leghorn rooster. In summer we have many pretty flowers.

Sarah Theodora Wolbach.

Northampton Co., Pa., Nov. 30, 1901.

## SEED TO PLANT YOUR GARDEN FREE

Best and Cheapest Seeds That Grow.

Send for free catalogue to select sorts wanted.

Address J. J. BELL, Deposit, N. Y.

## ABSOLUTELY FREE

Send the names and addresses of three friends and we will send you a beautiful present FREE. Worth 25 cents. UNION NOVELTY CO., 803 CANAL ST., GREENVILLE, PA

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For  
The Farmer  
The Gardener  
and  
The Housewife

They cost a little more. They are worth a great deal more than the ordinary kind. Sold everywhere. 1902 annual free.

D. M. FERRY & CO.  
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For \$15.05 we sell the HIGHEST GRADE, STRONGEST LIGHTEST RUNNING and BEST PUMPING STEEL WINDMILL.

\$14.30 buys the highest grade and strongest all steel windmill TOWER. Every mill covered by a BINDING GUARANTEE. For greatest windmill offer ever made write for free Windmill Catalogue. Address:

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Send a postal card for our seed catalog and see the inducements we offer to have you use our Seeds. This beautiful hand engraved, satin finish, Quarter plate (warranted) Creamer or sugar and lots of other beautiful premiums given to users of our Seeds. Premiums for large or small orders. Seeds warranted.

## POULTRY NETTING AT CUT PRICES.

### POULTRY THE BEST



We sell poultry netting of all kinds and wire fencing at the manufacturers' lowest prices and prepay the freight. Write for our Free Wire Fencing Catalogue before placing your order and SAVE NEARLY ONE-HALF IN PRICE. Address SEARS, ROEBUCK & CO. CHICAGO, ILL.

\$300 Genuine Conf. money for \$1, \$100 for 50c R. MAXWELL, Box O, South Bend. Ind.



# Superb New Morning Glories.

## SEEDS FOR THE ASKING.



CALL attention to a very superior strain of the Old-fashioned Morning Glory. The plants are vigorous, are densely clothed with rich green foliage, and bear throughout the season clusters of large, handsome, showy flowers of delicate texture. The colors are very attractive and in grand variety, as White, White striped rose, White striped violet, Rose, White rose and blue, Carmine, Scarlet, Dark red, Lilac, Light blue, Royal Purple, Black blue, etc. Some have throats of a different color; some are blotched, spotted and striped, and all are beautiful. No vine surpasses these Improved, large-flowered Morning Glories in vigor. In rich, dense foliage, or in varied, beautiful and continuous bloom. They cannot but please all who try them.

I have but a limited quantity of choice seeds of these splendid Morning Glories, and I wish to have grown for me a large quantity of the seeds during the coming season. I have, therefore, decided to distribute these seeds among my many friends, and so make the following offer:

To any one who will accept a packet of seeds of these fine Morning Glories, and agree to mail to me one ounce of the first seeds gathered from the vines, I will send the following collection of tubers of Belgium Begonias and Gloxinias:



MORNING GLORY.

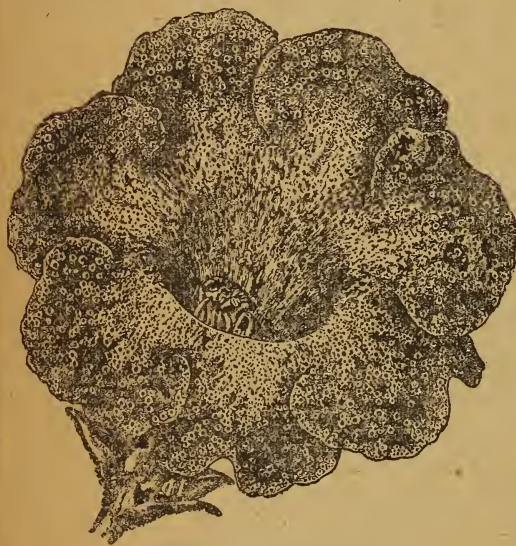
- 1 Fine Giant Begonia, white.
- 1 Fine Giant Begonia, rich scarlet.
- 1 Fine Giant Begonia, bright red.
- 1 Fine Giant Begonia, lovely yellow.
- 1 Fine Giant Begonia, rosy red.

### GLOXINIAS.

- 1 Fine Gloxinia, shade of white.
- 1 Fine Gloxinia, shade of red.
- 1 Fine Gloxinia, shade of blue.
- 1 Fine Gloxinia, richly spotted.

All of these tubers are large and sound, just imported from a celebrated specialist in Belgium, and will produce the largest flowers, and of the most attractive form and colors. These tubers are of the finest strains in Europe. There are none better, and they will delight all who grow them. They are just such tubers as most florists sell at from 10 to 20 cents each. I offer the nine splendid tubers to you in exchange for the choice seeds above mentioned, and will send the tubers at once, with the stock seeds for your vines, you to mail to me one ounce of the first seeds your vines produce.

AN IMPERATIVE CONDITION is that when you write for the seeds and tubers offered your letter must enclose a five-year subscription to Park's Floral Magazine (50 cents) for either yourself or some floral friend. This will be an evidence of the interest you have in flowers, and a guarantee of



FINE BELGIUM GLOXINIA.

good faith on your part that the ounce of seeds will be sent to me as soon as ready. If you get a neighbor or friend to order with you, sending \$1.00, I will add a fine tuber of double Begonia, white, red, scarlet or yellow, as desired, just such a tuber as florists retail at 25 and 30 cents each. Or, if you get four friends to join you (sending \$2.50), I will mail to you one fine double Begonia of each of the four colors named. Each member of the club will receive free seeds of the Choice Morning Glory, and the 9 splendid Begonias and Gloxinias described. Each must pay 50 cents for a five-year subscription to Park's Floral Magazine. This offer may be good only for 30 days from the time this paper is received, as the stock of choice Morning Glory seeds is limited, and may all be gone before another month. Order soon.

Address

**GEO. W. PARK,**  
Libonia, Pa.

NOTE.—If anyone does not care to raise the seeds, but wishes the 9 tubers, they will be sent on receipt of 50 cents. If both tubers and Magazine for five years are wanted, they will be sent for \$1.00. If a half ounce of the Morning Glory seeds are wanted, they will be mailed as long as in stock, for 35 cents. Order soon.



GIANT BELGIUM BEGONIA.

# PARK'S FLORAL MAGAZINE.

A MONTHLY JOURNAL OF FLORICULTURE.

Vol. XXXVIII.

Libonia, Pa., January, 1902.

No. 1.

## THE MALMAISON CARNATION.

ONE of the most beautiful and desirable of the New Everblooming Hybrid Carnations is the one illustrated on this page, known as the Malmaison Carnation. The plants start readily from seeds, bloom in about five months from the time of sowing, are of robust growth, hardy, and produce very large, double, fragrant flowers freely throughout the season. The flowers are of delicate texture, and appear in a great variety of colors. The plants are fine for either beds out-doors or pots in the house. They like a deep, fertile soil and a sunny situation. The engraving is a fair representation of one of the flowers of this Carnation.

—o—

## MALMAISON CARNATION.

**Ruellia.**—The *Ruellia Makoyana* does well in a warm, eastern window, or where the temperature is even and the sunshine not too bright. Sprinkle the foliage daily, and keep the atmosphere moist by the evaporation of water. A rich, rather tenacious, but well-drained soil suits it. Always avoid extremes of heat or cold, and water regularly.

**Acacia Seeds.**—I had my first experience with Acacia seed this spring, and find filling the seed a much better plan than soaking in hot water. I tried the hot water and failed; seeds sprouted too soon, then rotted and died in the shells. Nothing is gained by forcing seed too fast. Mrs. A. L. Mykoff.

Crawford Co., Pa.

## PROPAGATING HYDRANGEAS.

HYDRANGEAS are readily propagated from cuttings. These are six inches long, taken of the mature wood in autumn and imbedded in soil in a sheltered bed, leaving only an eye or two

above the surface, being firmly heeled in. The following spring the roots will develop, and with little attention a handsome top will form during the growing season. The next spring the plants may be placed where wanted. This treatment is for hardy Hydrangeas, or where the half-hardy kinds of the North are hardy. The more delicate sorts should be started from cuttings of half-hardy wood, inserted in moist sand during mid-summer, the young plants

being potted in a rich tenacious, well-drained soil as soon as rooted, and given a shady place.

**Feverfew.**—Five years ago this fall I took up a Feverfew and stored it away in the cellar. In the spring it came up a strong, healthy shoot, and kept on growing till it was a little tree two feet high with branches and over one hundred blossoms on it. Cis.

Delaware Co., Iowa, Nov. 11, 1901.

**Oriental Poppies.**—The old Oriental Poppy appeared in but one color, a rich orange-scarlet. The new Hybrids, however, show a variety of colors from almost white through the shades of salmon, scarlet and crimson. Some varieties have huge flowers.



# Park's Floral Magazine.

*A Monthly. Entirely Floral.*

GEO. W. PARK, Editor and Publisher.

LIBONIA, FRANKLIN COUNTY, PA.

CIRCULATION.—The actual circulation, proven when required, is 350,000 copies monthly. No free distribution to promiscuous lists of names. Advertising offices 713-718 Temple Court, New York, N. Y., The C. E. Ellis Company, Managers, to whom all communications about advertising should be addressed.

SUBSCRIPTION PRICE, 50 cents for five years, prepaid. Trial subscriptions of a few months, 10 cents. No annual subscriptions received.

THE EDITOR invites correspondence with all who love and cultivate flowers.

Entered in the Post Office at Libonia as Second Class Mail Matter.

JANUARY, 1902.

## NARCISSUS BLASTING.

WHEN clumps of out-door Narcissus fail to bloom the failure can often be justly attributed to crowding, or it may be that the bulbs have become too deeply imbedded in the soil. The latter is due to the fact that the young bulbs are produced from the base of the parent bulb, and thus the clump becomes deeper in the soil each succeeding year. The Narcissus bed should be in a sunny exposure, to ripen the bulbs and keep them healthy. When potted bulbs fail to develop their buds the cause may be a hot, dry atmosphere. The Narcissus likes a cool, moist atmosphere, and will not bloom satisfactorily without it.

**Spireas.**—The shrubby Spireas are easily grown, hardy, and become a mass of beautiful flower clusters during the spring months. The plants will grow in any rich soil, and thrive in either full sun or partial shade. They are admirable for beds upon the landscape, at bends in the road, or for a border to a group of Poplars or forest trees. The best time to get and plant them is in the spring. Keep the soil about the plants loose and free from weeds, and apply a dressing of manure late in autumn.

**Aphides or Lice.**—Pansies are not generally troubled with Aphides, nor are Violets, especially when grown out-doors. When these plants are attacked by Aphides, however, they are easily cleansed by syringing with Quassia-soap-kerosine emulsion, heated to 120° Fah. In-doors an occasional fumigation with tobacco smoke will keep the pest from becoming troublesome.

**Passion Vine Blooming.**—A Passion Vine bedded in the ground in a greenhouse will mostly begin to bloom in three years from the time the seeds are sown. The tops can be cut back till within a few feet of the ground every autumn, and new vines will develop in the spring, which will bear flowers in autumn.

## TRADESCANTIA MULTICOLOR.

ONE of the most beautiful of foliage basket plants, when well-grown, is the *Tradescantia multicolor*. In many places it loses its bright pink and carmine colors, and assumes an ordinary bronzy red and green. This is due to some element in the soil which makes the more natural colors predominate. In Ghent, Belgium, the Editor saw some richly marked specimens of this *Tradescantia*, and the soil was very black and loose, as though composed alone of leaf-mould and sand. Most of the soil in Pennsylvania and other mountainous States is highly charged with minerals, especially iron and calcium, both of which promote a rich green or natural color. If any of the readers have tried experiments in the treatment of this plant, a report of their efforts would be interesting, and would be given a place in these columns.

**Goldfussia.**—The *Strobilanthes anisophyllus*, or *Goldfussia*, is a dense, globular plant, with long, narrow, bronzy green leaves. It is a handsome plant for its foliage alone, but in midwinter, rarely before, it is always covered with lilac bells, and is then very attractive. The flowers are not lasting, and should be removed as soon as they fade, for new buds develop daily for a long time. The plant is of the easiest culture, and is one of the most reliable of winter-blooming plants.

**Starting Clematis.**—The seeds of some kinds of *Clematis* do not germinate for a year or two years after sowing, especially if they become dry and hard before they are put into the ground. This is true of *Clematis Jackmani* and the large-flowering hybrids. Many of the species, however, bear seeds which come up freely in two weeks to as many months after sowing, and these are preferably started from seeds, as seedlings are healthy and vigorous, and soon become blooming plants.

**Treatment of Oleander.**—In autumn, after the flowering period, water the *Oleander* less, and as winter approaches place it in a cool room or a lighted, well-ventilated cellar. Here let it remain till spring, then bring it out, cut back, and repot if necessary, using a rich, rather tenacious compost, and then water more freely. When growth begins apply water liberally and give a warm, sunny position. Thus treated the *Oleander* rarely fails to produce a fine crop of flowers every season.

**Corn Flower.**—The *Corn Flower* of Germany is *Centaurea cyanus*. That of England is *Papaver Rhoeas*. The yellow *Corn Flower* of England is *Chrysanthemum segetum*. The *Lychnus Githago* or *Cockle* is also known in England as *Corn Flower*.



## ABOUT CATALPA.

THE Catalpa is a handsome ornamental tree. The leaves are large, heart shaped, and thickly set. The flowers are in showy panicles at the tips of the branches, are Mimulus-like in form, and of light color, the throat spotted and striped. The flowers are succeeded by big clusters of long, narrow, graceful bean-like pods, which remain during winter, giving the tree a peculiar, attractive appearance after the leaves have fallen. The tree grows from fifteen to twenty feet high, branching and forming a beautiful, globular head.

The tree is of rapid growth, and admirable as an ornamental shade tree. If a few young plants are grouped together in a rich bed cut to the ground each spring, allowing the eye to develop, they would make a gorgeous bed of foliage, the thick, stubby shoots clothed with immense leaves, rising ten or twelve feet in a single season, eliciting the admiration of all who see it.

The long pods are filled in late autumn and inter with well-matured, winged seeds which germinate well when promptly sown, and sown not more than an eighth inch deep. In three or four years the little plants develop into vigorous trees, and bloom when ten or twelve feet high. In Pennsylvania the trees are entirely hardy, even when young, especially those of *Catalpa Kämpferi*, which is one of the hardier species. This tree is one of special merit, and deserves to be generally cultivated.

**Care of Gloxinias.**—In winter the tubers of Gloxinias should be kept in a dry room where the temperature is uniformly about 50°. In spring pot in a compost of loam, leaf-mould and sand in equal parts, allowing the crown to protrude above the soil. Set firmly, and water moderately till growth begins, then apply water more freely. The plants like a warm, moist temperature and partial shade while growing. Avoid overwatering, which stunts the plants, and often injures on disease. See that the soil is well-aerated. This is the essential treatment of Gloxinias, and the same will apply to the numerous Begonias as well.

**Soil for Oxalis.**—Our wild Oxalis may generally be found in a rather poor, damp soil charged with acid—often so sour that other plants will not grow in it. All of the species of Oxalis may not thrive in such a soil, but, as a rule, the Oxalis plants bloom more freely, and are more satisfactory in a rather poor soil, well watered while growing, and protected from the hot mid-day sun.

**Character Palm Leaves.**—The development of character leaves of Palms varies according to the species. Some show these leaves in a few months after the plants appear, and others delay for a year or more.

## MINA LOBATA.

THIS is an easily grown, vigorous vine, with foliage similar to that of Morning Glory, and racemes of bright scarlet flowers, appearing at a distance somewhat like clusters of scarlet Salvia. The seeds are much like those of *Ipomoea coccinea* in size and shape, and start readily. The plants, however, like more heat than those



MINA LOBATA.

of that *Ipomoea*, and wilt when the air becomes chilly. The seeds should be started early in a window box, and the plants set out at the south side of a building or wall, if possible, where they will have some protection, and get the full heat of the sun. A deep, rich, moist soil develops fine plants, which will bear a fine array of scarlet bloom during the autumn months.

**Crinum.**—These bulbous plants like a warm, sunny place and plenty of water in summer. After the blooming and growing period gradually withhold the water until the ground is only moist. This will ripen up the bulbs, and insure the formation of embryo buds for the next season's blooming. Do not dry off the plants completely, as some bulbous plants are treated. It will destroy the fleshy roots and weaken the bulbs.

**Begonia Blight.**—*Begonia rubra* and others are sometimes attacked by a blight which causes the leaves to turn black and drop off. When the disease is noticed the affected leaves should be at once taken off and burned. Plants badly affected should be cut to the ground and the tops burned. Then water sparingly till new shoots spring from the ground or the base of the stem.

**Commercial Fertilizers.**—These are mostly as valuable applied to growing garden or house plants as to the field crops of the farmer. Whether the plants have bulbous or fibrous roots these fertilizers are of benefit. As a rule, however, it is better to use rich, porous soil in potting than to depend upon a fertilizer applied to poor soil.

**Star Flower Prize.**—The successful contestant for the Star Flower Prize will be announced later, when the affidavits are ready for publication. We regret the delay, as the announcement should have been in this number.

## TREATMENT OF STAR FLOWER.

I HAD seven of the loveliest plants, and all in blossom at the same time. I think the Never Ending Bloom would be a good name for it, as it had lots of buds when the frost killed it. It would be a good plant for the South where they don't have frost early. I got leaf mould from the woods and packed a box four inches deep, and put a covering of black sand on top, then sowed the seeds. In two weeks they were up, and I transplanted them in June into quart berry boxes, in the same kind of soil. They soon got too large for the boxes, then I fixed a place out-doors on a south slope, slightly shaded by a walnut grove. I dug holes that would take two bushels of earth to fill, then I took one bushel of hen manure and wood ashes, and mixed enough sand to fill the hole nearly full. I cut my boxes open without disturbing the roots, and set the plants in the center of the place I had prepared, and every morning I filled a washtub with water that I would use after sundown to water the plants. My husband said, "You have cooked the plants with the strength of the soil you have prepared," and I almost lost heart, but in about a week if you had seen them shoot out and up, you would not think they were very badly cooked; then he said I had planted a forest that would give us fuel for the winter. Some of the flowers were seven inches in length and one and three-fourth inches across the star. They were very fascinating.

Mary I Cogan.

Wayne Co., Mich, Nov. 7, 1901.

**Isabella Sprunt.**—This is one of the few Roses I would recommend to amateurs for winter blooming. It is an old Rose, somewhat in disfavor as only semi-dwarf when in full bloom. This is no objection to it as a Rose for the ordinary hot house, under amateur management. The buds are lovely when half blown, and are freely produced. No need to wait for the shaggy full blown flowers, cut the buds, more and more will follow. The color of Isabella Sprunt is clear, uncloudy canary-yellow. The texture of the petals is silky, and the plant makes a neat bush with clean, shining foliage. The flower stems are long, firm and smooth. The perfume, color, size, shape and texture of the buds are exquisite. For over thirty years this ever-blooming Tea Rose has been without a peer as a winter bloomer for amateurs.

Orleans Co., La., Oct. 25, 1901. G. L. D.

**Castor Bean.**—I planted two in the middle of my round bed and surrounded them with yellow Cannas, which made a beautiful bed, and was admired by many. They are better than vines to plant under a window. They shade the window very soon, as they grow so rapidly.

Frances Helier,

Pocahontas Co., Iowa, Sept. 10 1901.

## SATISFACTORY PLANTS.

ONE of the most satisfactory plants I have had for a long time is an Abutilon, Princess Eulalie. It has bloomed almost constantly for eighteen months, and now has a profusion of blossoms on. They are a bright pink in color, and measure over two inches across. The plant is now four feet high, with a number of branches, and every branch has buds and blossoms on. My treatment has been to give it plenty of water, sunshine and fertilizer; it does the rest. In the winter when the furnace is going I use the atomizer on the buds and leaves every morning, or the buds are apt to blight, as the air is so very dry. Another satisfactory plant is a Otaheite Orange. It is less than a foot high, has one full-grown orange, and three others in various stages of growth, and bunches of buds and blossoms. It is a compact little bush, and the blossoms scent the whole house. All the care it gets is an occasional spraying with what water it needs, and plenty of fertilizer. Another plant that has bloomed all winter and is now covered with blossoms is a single Petunia, and it has not had even an occasional spraying, but what water the roots needed and plenty of fertilizer. I have trained it over a wire trellis until it is indeed a thing of beauty. I am also a great admirer of the Cactus family, especially the Crabs. I have two. One commences to bloom in November and the other just before Christmas. I have counted several hundred blossoms one time on mine. When they are done blooming they are set away until spring, the brought out and watered freely and given plenty of fertilizer.

Geneva March.

Bremer Co., Iowa, May 18.

**Why Cocos Weddelliana Curls its Leaves.**—On a hot summer day the blades of green corn in the field twist and curl fantastically. This is Nature's effort to reduce the surface of the leaf exposed to the burning sun. Curling thus each blade gives its own surface slight shading, which checks evaporation. The principle is the same with the Palm. When its feathery fronds curl, it is an evidence that the heat and dry air is deleterious, and Nature makes an effort to preserve the vitality of the leaf. To avoid this tendency set the Cocos Weddelliana in a good light place, but not near the glass where the sun's rays or the electric light are intense. A temperature of about 70 degrees suits this beautiful Palm better than greater heat. Want of humidity in the atmosphere is a direct cause also.

Mrs. G. L. Drennan

Orleans Co., La., Oct. 25, 1901.

**Kenilworth Ivy**—Kenilworth Ivy is very nice for a hanging basket. The leaves are so neat and clean, and it blooms so freely.

Cis

Delaware Co., Iowa, Nov. 11, 1901.



## PIAZZA DECORATIONS.

**PRETTY CLIMBER** is almost an indispensable on a piazza. For quick growth the wild Cucumber is unsurpassed, in one season making a thick shade for a any piazza. The Woodbine and the Ivy are also prime favorites, as well as the Morning Glory. These are all very well on a back side porch, but for a front one I like to have the front left uncovered by vines. Use vines at either end, if you will, but fix them out this way: Set Geraniums along the front, as close to the foundation as they will grow well; above them, in a box fastened to the edge of the flooring of the piazza, but outside of the railing, have a box of Tom Thumb Nasturtiums. These will furnish bloom all through the season. For further decoration use Palms and Ferns, just a few fine ones, in convenient nooks. Another pretty way to decorate a piazza, is to plant a thick hedge of Gladiolas close to the porch, tying them up to the lattice work, and have hanging baskets of vines and drooping plants suspended from the outer edge of the ceiling. These will form a partial screen, and yet not be a heavy thick screen, like a vine growing up. Still another handsome decoration is to have a box a foot deep and as wide as the piazza railing, and as long as the front of the porch, inside and lined with tin and securely fastened to the top of the railing. Plant climbing Nasturtiums or wild Cucumber in that to fall over the railing on the outside, and Cypress vine to twine up on strings in any position you choose to fix the strings. This is a magnificent decoration. Geneva March. Bremer Co., Iowa, May 13, 1901.

(NOTE.—When the front porch is at the north side of the house a very beautiful vine to decorate the pillars is *Adiantum cirrhosa*. It is a biennial, and the plants should be started the previous year. Two or three vines at each pillar will have a charming effect. The foliage is very delicate and graceful—as beautiful as a Maidenhair Fern, while the waxy pink flowers are produced in clusters, throughout the season. The vine thrives in a densely shaded place. Where a thick screen is desired in a sunny situation, the *Calla acutangula* becomes a mass of showy foliage, decked with large, silky, golden yellow flowers, succeeded by long, showy fruit. It is a vine that could be better known.—Ed.]

**Mexican Spider Plant.**—I have a plant called Mexican Spider. Do you know it? It looks like a Lily, has a long slender leaf; then out starts a stem from the center, and on the end the little Spider. They grow two, three and four feet long, spider growing two. In summer are little stems of white flowers, like meadow innocence, and some like Madeira vine blooms. Mine is a slip; you take a spider off, but the one like this is an immense pot, and the stems with spiders are coiled around the pot and the table and hang on the floor. It is a pure green.

Mrs. L. Barnett.

Middlesex Co., Mass., Feb. 5, 1901.

## ECHINOCACTUS TEXENSIS.

**THE** following of this attractive plant was the source of much interest and pleasure for quite an interval. It does not need flowers to make it admired, as the low, ribbed, cushion-like plant, beset with formidable and stout spines, which afford a complete protection for a beautiful ensemble that will attract much admiration. The buds are produced in the top of the plant, and sprout from the upper part of the woolly tuft, which later bear the nail-like spines. They are usually very close together, but as the flowers are produced in succession, do not interfere. The petals are of the most delicate pink, shading to blood-orange in the center of the flower. The texture is like the most delicate and shimmering silk, and the colors reflect in a charming manner. The edges of the petals are notched in a fairy-like way, so delicate and fine, reminding one of silk raveled on the bias. The pistil bears a rosette-shaped stigma of rose color and velvet-like texture. This is surrounded and the whole center of the flower filled with the innumerable yellow-tipped stamens, which are to be found in almost all Cactus flowers. The flowers are followed by very attractive bright seed fruit, which remain on a long time, giving an added beauty.

Philocactist.

Suffolk Co., L. I., N. Y., June 28, 1901.

**Christmas Lilies in California.**—

The Callas were cut Christmas morning, the leaves measuring fifteen inches long, and twelve inches across. The Lily stalks were forty-eight inches long, and five inches in circumference. The Lilies themselves were nine inches across. My Calla bed is on the north side of the house. It is bordered with cobble stones, and when May comes the leaves of the Callas are cut off and the bed becomes dry. In August I have it mulched, and begin watering the bed. In a little while the Callas begin to send up leaves. Mine were blooming three months from the first watering. The bed at Christmas time had hundreds of Callas and buds. The Calla does much better here where it is so treated. Some do not cut them back, but the result is not satisfactory. Calla hedges are popular here and much admired. Georgina S. Townsend.

Los Angeles Co., Cal., Aug. 7, 1901.

**Golden Glow.**—Without any watering or mulching, and growing among other hardy plants, several stalks of *Rudbeckia* grew seven feet and seven inches tall. I have seen many of these plants this year, but mine was the tallest of all. Ima.

Geauga Co., Ohio, Sept. 6, 1901.

**The Mulberry Tree.**—The first Mulberry tree in America was brought from France in 1629.

Lizzie Mowen.

Allen Co., Ohio, Oct. 8, 1901.

## GREENHOUSE FOR AMATEURS.

**A** COMMON name for the surest and safest of greenhouses is "pit." The word means a hole in the ground, but applies to the plain and simple greenhouse for wintering our flowers. Pits are constructed on two plans, the one excavated, the other built on the surface. Either kind is walled up and covered with a glass roof, and with a glass door or window at each end. The more glass to admit light the better. Built of brick or heavy timber, with closely fitted sash, and weather strips around the door or opening, and tarpaulin or matting to spread over the glass roof, and wooden shutters to place over the glass doors and windows, these structures will preserve plants without artificial heat. They keep an even temperature and that is the greatest consideration in preserving plants. To keep plants in growing condition and to force them to bloom are two different things. Heat, moisture and light are necessary to make plants bloom. A pit must be located where the sun shines the better part of the day. Set it as a rule that plants must have light if they are expected to bloom. A southern exposure is best, and also a position where the light from an electric plant may fall is fine. The size of a pit may be augmented by the height of the wall on the north side. The incline to the south must not be less than an angle of 45 degrees. A convenient size is from ten to fifteen feet square and if excavated, three to five feet below ground, and from seven to ten feet on the north side above ground, inclining forty-five degrees to the south, this size will accommodate as many flowers as an amateur will ordinarily care to cultivate. A floor of brick or cement will generally prevent the rise of water on the bottom, but the difficulty of preventing the rise of water, known as "seeping," in rainy winter weather is in favor of the pit built on the surface of the earth. The shelving ought to graduate, in tiers. Hard-wooded plants that attain large sizes, Palms and other decorative tub plants, must occupy the broad, projecting lower shelf. Geraniums, Begonias and other spreading or branching bloomers must have good shelf space, and up near the glass roof the narrowest shelves may be filled with Pansies, Oxalis or other low-growing plants. In this way it is surprising how many varieties of plants a pit will accommodate. If the plants are watered moderately before the air grows cold in the afternoon, and the pit closed securely, all surplus water will rise by evaporation and settle or condense on the glass, falling again upon the plants like dew. The best time to ventilate is after the sun has warmed the morning air, and the time to close is while the air is still warm. It is highly beneficial to the plants to thus allow free circulation of air and to shut it in while warm from the sunshine. Plants can be

taken out and brought to the window to brighten the living room, and returned at will. The transition does not hurt them and would stove plants. Palms, Ferns and other decorative plants that do not demand high temperature may be kept in a pit and be ready to bring forward for Christmas and for Easter in faultless condition.

Mrs. G. F. Drennan.

Orleans Co., La., Sept. 9, 1901.

[NOTE.—In the South plant pits are popular, and more successfully managed than at the North. In our northern amateurs would have the pit excavated at the south side of the house, with an entrance by door from the cellar, it would be found more convenient, as well as more serviceable, and more easily managed.—Ed.]

**Strobilanthes Dyerianus.**—The prettiest small plant bed I have has a magnificent plant of this *Strobilanthes* planted in the center, and Sweet Alyssum all around it. I made the mistake last year in not giving it rich enough soil. I was disappointed—thought it worthless, and was ready to throw it away. "I would winter it and try it again next year," said a friend. Well, this spring turned it out into a bed where I had Sweet Alyssum. It has grown splendidly, and the Sweet Alyssum came up from seed and blooming beautifully. Any white flowered plants will do to plant with it, such as the double Feverfew to harmonize with its purple leaves. I would like to see a bed of *Strobilanthes* and variegated *Phrynum*. The white and green leaves of the one would look well with the purple leaves of the other.

M. M. L.

McDowell Co., N. C., Oct. 22, 1901.

**Poinciana Gillesii.**—Bird of Paradise or *Poinciana Gillesii*, is a grand drought-resisting plant, but I think it is very rarely grown in most States. My plant, or shrub rather, is two years old and four feet high, has bloomed every day since the 1st of July, and is yet full of buds and blossoms and will be until "Jack Frost nips it in the bud." It has withstood the hot, dry summer wonderfully, while other shrubs, and even tree have drooped and died. Last spring I put out twelve Roses and one plant of *Poinciana* and out of the "baker's dozen" this is the only one that survived the droughty summer. It is readily started from seeds, and will bloom the second summer.

M. A. M.

Woods Co., Okla., Sept. 3, 1901.

**Cut Worms and Black Fleas.** Cut worms played great havoc with my Cupid Sweet Peas, and killed a great number of vines when they were just blooming the best. I never can raise the tall sorts on account of the cut worms and a little black grayish flea which covers the plants when they are a few inches high.

Archie Wilson.

Lexington Co., Ky., Nov. 28, 1901.



## ABOUT GOURDS.

THE GOURD family is a large and interesting one, and deserves more attention than it receives. The vines are easily started from seeds, are of vigorous growth, and the wonderful variety in habit, shape and flowers makes it possible to select a member of this family of plants for almost any position where a vine is appropriate.

The Hundred-weight Gourds have large leaves and large, golden flowers, and the fruits, which are edible, and excellent for food, often attain, as single specimens, the weight of 150 pounds. For covering old sheds and unsightly low buildings this Gourd is very desirable.

The Lagenarias have hard shells, and are of various shapes, as clubs, dippers, bottles, etc.

The leaves are smaller and more delicate than those of the Hundred-weight Gourds.

The flowers are mostly all white, and the plant has a musk-like odor. The leaves are useful for covering summer-houses, trees or unsightly walls; the showy, ribbed shells can be used for flower vessels, bird-houses. The seeds are mostly egg-shaped, and of a brown color.

One of the most desirable

of the gourd tribe is the *Luffa acutangula*, its vine grows vigorously to the height of ten or twenty feet, bearing handsome leaves and an abundance of large, open flowers of a rich, silky orange color, which, at a distance, appear like large, golden Morning-glories. The flowers are produced throughout the autumn, and are succeeded by long, woody fruits, the net-work of which can be cracked and used in scrubbing or cleaning.

The little striped Gourds of various shapes are excellent toys for children. The Egg Gourds are useful as nest eggs, after their ornamental effect in the garden is past. *Conoposis laciniosa* bears a multitude of small, pretty, marbled-like fruits, green blotched with chocolate. The foliage is lacinated, and very graceful. The vine is fine for a trellis. *Cucumis flexuosus* is the Snake Cucumber, bearing slender, snake-like fruits from four to five feet in length, odd and unattractive. *Cyclanthera explosiva* is a rapid

climber, with curious, rough fruits which explode and scatter the seeds broadcast when ripe. The Wild Cucumber grows as fast as Jack's Bean, and becomes a mass of graceful foliage and fragrant bloom, with pretty, balloon-like fruits.

The seeds of the Gourd family may be sown in boxes early, and the plants set where they are to grow when warm weather comes. Or, they may be planted in the open ground when the Apple is in bloom. There is no class of vines that is of easier culture, or that will afford more pleasure than a variety of plants of the Gourd family. Their foliage, flowers and fruits are a never-failing source of delight throughout summer and autumn.

**Experience in Growing Acalypha Sanderiana.**—Obtain a healthy, well-rooted plant, about the first of May.

When received plunge it into warm water; if you don't the leaves will drop, and a bare stalk is a long time in forming new buds. Now mix the soil as follows: good garden soil, bone dust, and well-rotted cow manure, and charcoal. The charcoal gives the leaves a bright green color, and intensifies the chenille cords very much. Obtain a large pot; sixteen inches is none too large,



## ORNAMENTAL GOURDS.

as shifting injures it very much. This will be large enough for the plant for two years. About July first nip off the center shoot to encourage it to branch and make a nice specimen. Before bringing it into the house give it two or three doses of lime water to kill the worms which are in the soil. Place it in the sunniest window, and never let the temperature get lower at night than 55 degrees Fahrenheit. The only pest that infests it is red spider. To overcome this keep the soil moist, also the leaves, and use Fir tree oil soap. By following these simple directions you will have one of the finest plants for your window that money can obtain.

Middlesex Co., N. J. John V. Staats.

**Columbine.**—A good way to plant Columbine is to put two bricks or stones together and put the plant between. It will thrive best in soil not too rich. The Hoosier,

Harrison Co., Ind.

**LITTLE BROWN BULB.**

O little brown bulb, now tell me,  
If ever below  
While cozily dreaming you waken  
To hear the winds blow,  
Little brown bulb?

O little brown bulb, are you weary,  
In your sodden bed?  
While the wail of winter is dreary,  
The sun's overhead,  
Little brown bulb?

And little brown bulb, will you tell me  
How you fashion your flowers,  
Without needle and thread or a pattern,  
All thro' the dark hours,  
Little brown bulb?

O little brown bulb, you are sleeping;  
I hear no replies;  
Dream on till the voice of the springtime  
Shall bid you arise,  
Little brown bulb.

*S. Minerva Boyce.*

*Washington Co., VI., Nov. 2, 1901.*

**WINTER IN CALIFORNIA.**

Butterfly, butterfly, dancing so gay  
Over the meadows as green as May,  
Have you a notion 'tis winter to day?  
Meadow-lark, meadow-lark, trilling your song,  
Blithe as if life knew no sorrow nor wrong,  
What would you do if Jack Frost came along?

Heliotrope, Heliotrope, rich with perfume,  
Are you not haunted by visions of gloom,  
Mantles of snow on your beautiful bloom?  
Hummingbird, hummingbird, poised on the wing,  
Time of the year for the dread Frost-king;  
How will you face him, you delicate thing?

Hark, they are laughing! "It takes man to borrow,  
When he is blessed from possible sorrow,  
Clouding his sunshine with fear for to-morrow!  
Winter and snow-storms are far away;  
Little we care what your almanacs say.  
True to forebodings! Come out and be gay."

*Ada E. Ferris.*

*Santa Barbara Co., Cal., Nov. 4, 1901.*

**THE LULLABY OF THE TREES.**

Under their blankets of soft white snow  
The sleeping wild flowers lie,  
The trees above them murmur low  
A gentle lullaby.

Sleep, little flowers, and sweetly rest,  
The world above you is bleak and drear;  
The wind swings the empty songster's nest,  
Sleep, little flowers, for winter is here.

Sleep, little flowers, and sweetly rest,  
The grasses sleep, too, in the meadow near;  
The night seems long, but God knows best,  
Sleep, little flowers, for winter is here.

But when the first robins come flocking home,  
And smiling April draws near;  
They tenderly whisper, "Morning has come,  
Wake, little flowers, for spring is here."

*Mabel Cornelia Matson.*

*Cayuga Co., N. Y., Nov. 20, 1901.*

**CHICKADEE-DEE.**

High up on a leafless tree,  
One chill November day,  
I spied a little stranger,  
Robed in white and gray.

A collarette of black adorned  
His costume, neat and trim,  
His poise was sure, his eye was bright,  
And thus I questioned him:

"O whither art thou come, my friend,  
Your name, what may it be?"  
He cast at me one downward glance,  
And answered, "Chickadee."

"Are you all alone in this dreary world,  
No friends, no family?"  
He sadly shook his little head  
And answered, "Chickadee."

"Do you not fear the winter storms  
That sweep o'er land and sea?"  
He paused a moment ere he said,  
"Chickadee-dee, Chickadee."

And to all the questions I asked him,  
Up there in the leafless tree,  
He gave me but one answer,  
"Chickadee-dee, Chickadee-dee."

*Mabel Cornelia Matson.*

*Cayuga Co., N. Y., Nov. 10, 1901.*

**CHRYSANTHEMUMS.**

When the cold frozen clods are torn asunder,  
And earth resists the beating of the spade;  
When a deep grave is made in bleak December,  
Where some cherished form will soon be laid—

When earth seems drear, and all the leaves are  
faded,  
Scattered and strewn among the drifting snow  
When swaying trees by threatening clouds are  
shaded,  
And fearful gloom has shrouded all below—

Hope for despair is nigh for those who ask it,  
Peace and sweet rest beyond the silent tomb;  
These snow-white blossoms fall upon the caske  
Like angels' wings, to cheer the heart of gloom.

*W. W. Maxim.*

*Oxford Co., Me., Aug. 14, 1901.*

**THE TRUMPET CREEPER.**

I know an old, old garden,  
Where little children play,  
Where wild bees pierce the flowers,  
And roving winds hold sway;  
The Trumpet Creeper riots  
O'er moss-grown garden walls,  
And gladly seeks the places,  
Where the sunshine warmest falls.

The children prize its flowers  
As seasons come and go,  
As dear ones fondly cherished,  
And loved them long ago.  
The Rambler Rose is sweeter,  
The Clematis more fair,  
But for loved associations  
It is without compare.

*Annicc Bodey Calland.*

*Champaign Co., Ohio, Nov. 21, 1901.*



**BIGNONIA RADICANS.**

**W**HEN the writer was a young girl, we had in one corner of the home garden a Trumpet Vine, *Bignonia radicans*. It was the only one in that small Indiana village, and I am afraid we prided ourselves a little on that distinction. Though an old specimen, having been planted before the Civil War, it made but a moderate sized vine. My recollection is that its nearby companion, a common Hop vine, attained an annual growth of about the same dimensions. But it blossomed freely, and the large clusters of large, orange-red flowers were thought to be quite tropical in appearance, and were admired accordingly. When next I saw this vine, it was here in the Ozark Mountains, a part of its native habitat. Here it grows with a luxuriance almost incredible to those familiar with its slow moderate growth in the north. It grows on the rich "washings" that form the lower river bottoms, climbing quite to the tops of the tallest trees, where its scarlet trumpets can be seen loftily waving in mid-air. The foliage of these thrifty native vines is particularly handsome, their graceful, pinnate leaves being of a rich, glossy green, and freely produced. Against this handsome foliage, the corymbs of brilliant flowers stand out with the vividness of fame. Yet, strangely enough, this vine bears a bad name with the farmers. One rarely hears it called Trumpet vine by the rural population. Everywhere and by everybody it is called simply Poison vine. People do not like to handle it nor touch it in any way. The singular thing about this is, that it is absolutely harmless to the most sensitive-skinned persons. There is no poison whatever about the leaf, blossom or seed-pod. Its constant companion in the low, uncleared river bottoms is *Rhus toxicodendron* or Poison Oak, that is extremely poisonous to many persons. Because they get poisoned walking through the thickets where these vines are intermingled, they give to both vines the evil name that the one rightly deserves. After all, it rather shakes one's faith in the ordinary man's powers of observation, to see men familiar with this *Bignonia* from their childhood, growing gray in the delusion that it is a most noxious vine. We have transplanted several vines from the river bottom, and find that difference in soil quickly effects the growth and luxuriance of this vine. Give it loose, rich and rather moist soil, and its growth is enormous. One of our vines stood in rich earth, where the waste of the rain spout emptied itself, and in two years from its planting (then but a tiny seedling, a few inches high), it had completely covered the lattice work of a two-story piazza, and in another year had reached the roof. The foliage of this same vine was remarkably fine, so rank and so rich in its deep green shade. On the other hand vines planted thirteen years ago in a situation

rather dry and in ordinary earth, have not reached near that height to-day, and the leaves are smaller in every way, and of a light, yellowish green. So it is evident that if one would see this fine native vine at its best, it must be well fed and watered. In the damp, rich woods they grow eighty feet or more in length, the woody stem as thick as one's arm, at the vine's base. It climbs in a curious way, pressing flat against tree-trunk or other support, and is held tightly in place by aerial rootlets that take hold in sucker-like fashion of the support it is ascending.

Lora S. La Mance.

McDonald Co., Mo., Sept. 5, 1901.

[ *Tecoma (Bignonia) radicans* is not only desirable as a vine for covering an arbor or summer house or building, but may be trained in tree form, and is thus admirable for the lawn. Train it to a strong, well-set post as high as you wish, then let it take care of itself. Very soon it will form a dense head of long, graceful branches, each of which will bear a large cluster of the showy red trumpets, succeeded by attractive green and brown pods. It blooms almost the entire season.—Ed.]

**DIELYTRA SPECTABILIS.**

**F**EW, perhaps, who know this plant as a beautiful, hardy spring bloomer, are aware that it will bloom among the house plants and be out-shown by but few of them. In the fall take a small root of it, and set in a roomy pot in very rich soil, quite moistened, and set away in a cool, frost-proof place, a cellar, if fairly lighted, is the best place. Keep the soil a little moist. In February, or earlier if desired, bring gradually to full light and warmth. The lovely, graceful foliage and racemes of pink and white "hearts" will start in a few weeks, and the plant will form one of the loveliest ornaments of the window garden. It would make an eminently appropriate gift for some dear old lady, to whom it will recall the well-loved garden of long ago, with perhaps tender memories of little hands that used to play with the rosy hearts in days gone by. I doubt not many other hardy herbaceous plants might be treated in like manner with like beautiful results.

Mrs. W. A. Cutting.

Suffolk Co., Mass., Oct. 25, 1901.

**An All-Summer Bed.**—I have an east bed, along the porch, which has been in bloom since early spring. The outside row is Iris. Then there are a few clumps of *Paeonies* back of that. Behind them I planted a row of *Gladioli*, at one end a *Day Lily*, and at the other a double *Petunia*. Next came a row of *Chrysanthemums*, and last of all, against the rail, some *Golden Glow* and tall *Cannas*. Everything has had its turn, and every day there has been something in bloom. I can leave these plants in the ground the year around.

Georgina S. Townsend.

Los Angeles Co., Cal., Aug. 7, 1901.

## LOBSTER CACTUS.

**PIPHYLLUM truncatum**, or as it is more generally known, Lobster Cactus, is a very useful winter-flowering plant. This is sure to flower by Christmas, and requires very little care the whole year. The long-jointed, scarlet flowers are very pretty and showy, but remain perfect for only about three days. Give it a warm, sunny place, enough moisture to keep it growing, and a little liquid fertilizer once or twice a week. It is usually grown from cuttings, but the grafted sorts bloom much more profusely. The cuttings will keep dwarf and grow flat over the sides of the pot, and are very ornamental even when not in bloom. This is the most satisfactory of all the Cacti to handle, as there are no disagreeable spines to torture one in attending to them; then, too, the indolent florist may forget to water it for weeks without any serious consequences. Rich earth, common soil, and two-thirds sand is most suitable for all Cacti.

Laura Jones.

Lincoln Co., Ky., Nov. 1, 1901.

**Nicotiana Affinis.**—If I could raise other coveted flowers as easily as I can *Nicotiana affinis* I would have all the flowers I want. They just seed themselves where they grow and come up in the spring, so I have plenty of them without sowing seed. I always take up and pot two or three in the fall, and they commence blooming in March and their fragrance fills the room. When it is time I plant them out in the veranda box, where they keep on growing and blooming all summer. I cut the plants back if too tall. They will also grow from slips taken off near the base.

Phebe S. Mugg.

Sandusky Co., Ohio, Oct. 11, 1901.

**Chrysanthemums.**—Most people advise growing Chrysanthemums to one head, but unless the blossoms are meant for exhibition, it is much more satisfactory to allow each plant to produce at least three of the beautiful fluffy blossoms. This can easily be done if the top of the plant is pinched out when small, and all except three of the young shoots rubbed off, and all but the terminal bud picked off; or the buds may be left alone, if desired, and still produce good-sized, handsome blossoms. I have a white one now with thirteen blossoms and more buds.

Mrs. Ada O. Hopkins.

Warriek Co., Ind., Nov. 25, 1901.

**Bone Plant Food.**—I take one can of Babbitts Potash, melt it in a granite kettle or other vessel with two quarts of soft water, then put in bones. I use fish, chicken, squirrel, rabbit or any small bones. I keep putting bones in until it will eat no more, then turn off the water, weaken and mix in the water when I water my plants.

Mrs. Smith.

Delaware Co., Iowa, Nov. 11, 1901.

## CHINESE LANTERN PLANT.

**I** HAVE a large bed of Chinese Lantern Plants. They are very thrifty, and loaded with very large Lanterns. They are very handsome and should be planted in an out of the way place and not mixed in with other plants, as they spread so. I have mine on the back part of a north-east lawn. I made a bed ten by fifteen feet square, and sunk large logs all around it to keep them from spreading. I then filled it with earth from the barn-yard and a layer of chip-dirt. I put in ten plants three years ago, and now the bed is as full as it will hold. They are very much admired when in their scarlet stage, and they last quite a while. Last year I gathered about a peck of the fruit and put it in a paper sack and it kept till March. I then put sugar and cream on them, and they were relished as a table dish.

Mrs. A. F. Beebe.

Saginaw Co., Mich., Nov. 19, 1901.

**Starting Gourds Early.**—Gourds should be started early, in a warm, sunny place, as they require a long season to mature. Use pasteboard boxes, and plant one seed in a box, in order that they may be readily transplanted, as Gourds are somewhat difficult to move. Some of the ornamental sorts are very valuable for places where a dense shade is desired, as they are very quick-growing. Some bear curious and beautiful fruits, from which various ornaments are made.

Mrs. W. A. Cutting.

Suffolk Co., Mass., Oct. 25, 1901.

**Digitalis or Foxglove.**—I had not grown these flowers for many years, but after the feast of beauty I had from them last summer, I think they will always be one of my "must haves." They were simply indescribable as to shades of color, form and markings. Some of them stood up straight, with wide open throat like a Gloxinia, and fully as beautiful as that petted exotic. I kept the seed capsules rubbed off, and they kept putting up new flower stalks from the roots till near freezing time.

Mrs. Marshall.

Indiana Co., Pa., Nov. 18, 1901.

**Sweet Alyssum.**—One year ago last spring I sowed some Sweet Alyssum. It bloomed all summer as a border plant. In the fall I cut some of it back and potted it. It bloomed all winter. This winter I will have the same. It is so neat and delicate, and is so easy to grow. The first frosts do not hurt it.

Cis.

Delaware Co., Iowa, Nov. 11, 1901.

**Achania Malvaviscus.**—*Achania Malvaviscus* does well in the ground. I have one six feet high, just red from top to bottom. It is much too large to take up, so I have rooted a cutting to save over.

M. M. Tate.

McDowell Co., N. C., Sept. 22, 1901.



## WILD FLOWERS OF MESA AND MOUNTAIN.

The wild flowers of mesa and mountain  
Bloom far from the haunts of men,  
They beautify dark, rocky places,  
And waft us their sweets now and then,  
On the wings of the recreant breezes  
That revel on canon or height,  
They rule with sway that is sweetness,  
And lift up their banners full bright.

The wild flowers of mesa and mountain  
Yield a message of truth and cheer;  
Earth's rude, dark spots may be covered  
With acts that are helpful and dear.  
Our hearts are but barren mountains,  
Till planted with flowers of love,  
That give us the riches of kindness,  
And are watered with dew from above.

Cochise Co., Ariz., Oct. 4. *Ad H. Gibson.*

## A MODEL PIECE OF GROUND.

SEE a good many articles in newspapers urging those who have only a small lot to grow their own vegetables, instead of depending on an uncertain market for the supply necessary for their families. One article, in particular, spoke of the danger of contracting disease from the use of stale vegetables, when they might instead have plenty of good, fresh, wholesome vegetables and Rhubarb for their own use. The plea is so often made, "Oh! we must have a little room for outlet, and yard, and then the chickens and the dog must have some room." I know of a lot one hundred feet square. The South-west quarter is occupied by the dwelling, spring and milk house, water trough and two large shade trees, a large apple tree fifty-nine years in bearing occupies the center of the south-west quarter, while around the fence are garden beds, Rhubarb, etc. The north-west quarter is the vegetable garden proper, and the flower garden, while the north-east quarter holds the coal houses, hot beds and grape vines. Nearly half of the surface of this yard is covered with nice grass, where the boys last summer led in their tired teams each evening, and held them for a half hour's feeding on the rich, tender pastures, being careful no mischief was done to things growing. The lot is surrounded by a good paling fence, and no pigs, chickens or big dogs run loose in it. There are fifty grape vines trained on the fence, buildings and trellises; around the roots of these, circles of about four feet wide are well cultivated, and flowers planted there. Along one fence is a row of Gooseberry bushes and Asparagus. Along the spring run, a border of heavy slabs is set on edge, and the bed so formed has a row of shrubbery and Lilies suited to such a place. Another part of the fence has a row of Rhubarb, and still another corner has a border of hardy Hibiscus. In the garden corner the tomatoes are trained to the fence, while sweet corn, melons, and all the vegetables used in

the family, except potatoes, are grown in the garden. The apple tree was grafted all over the top with Maidenblush and Fall Pippins more than thirty years ago, and always gives plenty of apples for house use and apple-butter, and some to spare. Odd corners, where they are not in the way, are planted with Dahlias, Gladiolus and Chrysanthemums, and still there is plenty of room for the hammock to be hung and the chairs set in the shade of the apple or locust tree for a good time either morning, noon or evening. And there are flowers for the girls, yes, and the boys too, for they all seem to enjoy them alike.

*Mrs. Mary C. Marshall.*

Indiana Co., Pa., Nov. 18, 1901.

**Starting Rose Slips.**—Dig a hole about one half the depth of the slip, put in plenty of good sand, insert the slip and pour on water. When it settles put in some soil and press around the slip, then fill up to top of ground with soil. Insert a self-sealing jar, or any glass jar, over it, press in the ground as far as you can, then pile soil up about two-thirds of the jar. When the weather gets cold put soil up to about two inches of the top, and some on top of the jar to protect the tender leaves when they begin to grow. Plant slips in the light of the moon in October, and don't remove the jar until good weather in April, then remove by degrees.

*Aunt Nan.*

Clark Co., Ky., Nov. 16, 1901.

**Chrysanthemums.**—A friend who has the handsomest Chrysanthemums I ever saw, said she planted them in the ground early, and pruned and cultivated them like other flowers until August, then took up and put into boxes, pinching out the smaller buds. She did not water them all summer until put into boxes, said it was better not to water. Another friend planted hers in a sunny place and did not take up until November, and hers are also fine. Set only one plant in a place, for they do better.

*Aunt Nan.*

Clark Co., Ky., Nov. 16, 1901.

**Rooting Cyperus alternifolius.**—In September I put two stalks of Cyperus alternifolius into a glass of water, upside down. In less than two weeks little white roots had sprung from what had been the top of the umbrella, and several tiny green plantlets were growing on the stem side. I gave one to my neighbor and set the other out, and it is now a nice little plant.

*Mrs. Freeman.*

Luzerne Co., Pa., Nov. 18, 1901.

**Crimson Rambler.**—At the home of a friend I saw a branch of blossoms taken from a Crimson Rambler Rose, on which we counted eighty-two buds and blossoms. As there were seventy clusters of Roses on the bush, it must have been a beauty.

Geauga Co., Ohio, July 20, 1901.

*Ima.*

## FLOWERS FOR THE NORTH WINDOW.

THE number of flowers that will bloom in the north window is circumscribed. Violets and Sweet Alyssum solve the next question. They bloom profusely during the winter under like conditions. They are lovely companion flowers. A cool temperature, such as afforded by the north window, suits them admirably. An even temperature, so it is above frost or freezing, and good ventilation will keep the plants at maximum. Swanley White is the freest in growth and probably the most beautiful of the Violets. Its double white flowers rival the Tuberosa. Alaska in double and Prince of Wales in single blue flowers are superb bloomers. Have the Violets potted early enough to be in prime condition when brought to the window, which should not be until real cold weather. Tuck seedling plants of Sweet Alyssum in each pot of Violets, near the edge. The roots will mingle harmoniously with the Violets, and the plants will trail down over the outside of the pot, making a perfect mass of snow-white, lace-like blossoms. With Violets above and Sweet Alyssum below, every pot will be a bouquet of beauty and fragrance. The flowers of each are decorative in the window and fine for cut flower purposes.

G. F. Drennan.

Orleans Co., La., Sept. 16, 1901.

[NOTE.—Chinese Primroses, *Lopesia rosea*, *Crassula cordata* and *Vinca rosea* all bloom well in a north window, the *Crassula* and *Vinca* occupying the upper, warmer position. Most of the hardy bulbs also bloom satisfactorily in such a situation.—Ed.]

### Remedy for Scale on Euonymus.—

I had a fine hedge of Euonymus entirely destroyed, and then I began experiments on some detached plants which were only slightly infected. I cut them back within two feet of the ground. When I wash out the cup-towels after breakfast, I take the suds (pretty strong with "Gold Dust"), add a little kerosine, and thoroughly saturate the Euonymus bushes. I began this a month ago. Now I notice new shoots appearing, which look perfectly healthy.

Mrs. G. E. H.

Durham Co., N. C., Aug., 1901.

**Bird of Paradise.**—My Bird of Paradise bloomed the second year. I cut it back in the early part of the first year, but not since. It requires about the same treatment as the Oleander, should be grown in a deep pot, and can be kept over winter in a frost-proof cellar.

A. D.

Fillmore Co., Minn.

**Night Blooming Cereus.**—My Night Blooming Cereus blooms every year, and by cutting off the flowers as soon as they open, I get a succession of bloom. It has bloomed five times this year, and is now budded again.

Mrs. Mellen.

Worcester Co., Mass., Aug. 11, 1901.

## EVERBLOOMING WINTER FLOWERS.

SWEET ALYSSUM is the most easily acquired of all free-flowering plants. One 5-cent paper of seed will make enough plants to fill a window. It is strictly an annual and will bloom in a few weeks from seed. An incessant bloomer, it is available as a pot plant, to itself, or for hanging baskets; then it grows and blooms profusely, set on the edge of large jars, boxes or tubs with large plants. The Sweet Alyssum will suspend over the side, and drape the pot in lovely white blossoms all winter long. Chinese Primroses are unexcelled, and, in all the Primula class, there is nothing to surpass the coquetish, everblooming Baby Primrose. The flowers are single, colors of rosy-lilac with bright yellow centers, and are borne in whorls, three to each flower-stem, and from ten to fifty stems spring up from every root. The foliage covers and laps over the tops, surfaces and rims of the pots. The more the Babies are cut the more they bloom. Begonia Vernon is too well known to need description, but ever and ever needs recommendation. It is one of the most incessant bloomers, and bears cutting remarkably well. Begonia rubra is not so free-blooming, but more showy. Few flowers are more highly decorative than this tall growing, coral red Begonia. These plants will bloom harmoniously together, under like environments, giving much better satisfaction as ever-bloomers than more massive, hard-wooded, slower blooming sorts.

Mrs. G. L. Drennan.

Orleans Co., La., Oct. 26, 1901.

**Begonia Vernon and other fine Seeds.**—I plant fine seeds in woods earth composed largely of leaf mould and sand. Should be partially dried and sifted through a fine sieve. A flower saucer is best to sow seeds in. Fill the saucer with soil and press with a smooth board, then make rows just deep enough to be distinguishable, scatter the seed in them carefully, place the saucer in another saucer of larger size, and pour warm water into the outer saucer. Cover with thick dark paper, merely until the seeds start, then remove the paper and cover with glass raised two and one half inches above the saucer, so that air may be admitted. Never cover such small seeds. Be careful not to let the soil get too wet, and equally careful not let it dry out.

Anna C. Brown.

— Co., Cal., Aug. 3, 1901.

**Decorative Plant.**—As a plant for table or parlor. I can cheerfully recommend the Asparagus Sprengeri. It is one of the very best. Also for hanging baskets it is unsurpassed. I have two which are great attraction. They are easily grown, and would repay one if they required twice the amount of care.

Mrs. M. L. Wolfe.

Shelby Co., Ohio, Nov. 13, 1901.



## THE PRIMROSE HIBISCUS.

ONE of the most showy and beautiful of the garden Hibiscus is the New Japanese Primrose Hibiscus, shown in the accompanying engraving. The plants are easily started from seeds, and assume a pyramidal form, growing five feet high, and bearing open flowers, five or six inches in diameter, of a lovely Primrose-color, with a large maroon eye. The leaves are deeply serrated, and very graceful and ornamental, and the large flowers, standing out from their leafy background, are exceedingly attractive. The flowers do not remain long in bloom, but the branches grow and bud and bloom throughout the season, so that it is a rare thing to find a plant in autumn without a fine display of flowers. A clump of the plants in the flower garden or upon the lawn never fails to attract attention and admiration of all who pass.

—o—

**Geraniums in Winter.**—I think Geraniums are my special favorites in plants. I have now fifteen seedlings from seeds planted in May, that are from eight to twelve inches high, from which I shall expect blossoms by mid-winter or before. I remove my old ones from the ground in September, put them in boxes of rich soil, and leave out in the shade until cool nights. They get rooted and settled before putting in the cellar, and with a little water a few times through the winter, they are all right. Mrs. Taylor, scented leaf, is a lovely Geranium for winter, and is an excellent bloomer. Mrs. Nellie A. Brom.

Cumb. Co., Me., Nov. 13, 1901.

**Watering Plants.**—I always use warm water in watering plants in the winter, and take great pains to keep the leaves free from dust. My Ferns I sprinkle with warm water every day or two. I think many people fail with plants on account of poor drainage.

Mrs. Louise Freeman.

Luzerne Co., Pa., Nov. 18, 1901.

## MY WINDOW PLANTS.

THERE is a room in my home devoted almost entirely to plants, with one south window and two east windows. The south window holds my Coleus and Cannas; one east window is devoted to Begonias, Chrysanthemums, Petunias and a Hibiscus, and my Geraniums, Primulas, Fuchsias and Rubber Plant in the other. The Callas and Oleander I move around to suit my fancy. I usually take up my rugs every Saturday morning, place my plants on the floor (all except my Primulas and Rex Begonias), then give them a shower bath

with the sprinkler and let them stand and drip. After picking off all the decaying leaves I replace them, and with my freshly cleaned floor, my rugs spread again, and no dust on my plants, they look as though they had just come in from an April shower. I always keep water steaming on the stove to keep the air moist. This is very essential to the good health of plants. I use about the same soil for all my plants, and find they are all pretty well suited with one-half leaf mould,

and the other half good, mellow soil with some well-rotted barnyard refuse. I use a wood stove, but never let it get over-heated. If there is danger of that I open the outside door, even if it is pretty cold; it soon warms up again.

Mrs. Podney.

Cortland Co., N. Y., Oct. 31, 1901.

**For Winter Blooming.**—For good winter blooming I have the Double Petunia. I start slips in early fall, and give plenty of water and lots of sunshine, and always have plenty of bloom.

Mrs. E. F. Fawcett.

Pocahontas Co., Iowa, Aug. 20, 1901.

**Oxalis Bowell.**—My Oxalis Bowell, planted last winter, is just grand now. It is the finest plant in my collection.

Mrs. Sarah Bain.

Jasper Co., Mo., Nov. 14, 1901.



PRIMROSE HIBISCUS.

## MY NORTH WINDOW OF PLANTS.

THE finest plant is a five-year old Marguerite Begonia, now four feet high, and at least that in circumference. The hanging basket is Asparagus Sprengeri. It was divided last spring, but now it has over three dozen sprays, entirely covering the basket. Lower down on one side is a Boston Fern, and on the other Asparagus plumosus. On the rack in front of the Begonia there are four Chinese Primroses in full bloom, colors, white, rose, red and lavender. At either side of the Begonia there is a Norfolk Island Pine and a Grevillea robusta. Further back from the window, not because they deserve a back seat, but because all other available space is taken, is an Acacia and a Cyperus alternifolius. This windowful never fails to attract words of praise, not because of the healthy, thrifty plants, but because it is a north window, and nearly everyone thinks one cannot grow flowers in a north window. They were all grown according to directions in the editorials of Park's Magazine. That is where I always go for trusted information concerning flowers.

Annie Bodey Calland.

Champaign Co., Ohio, Nov. 8, 1901.

[NOTE.—An excellent plant for a basket or a bracket pot in a north window is Kenilworth Ivy. It will thrive where there is not a ray of direct sunshine. It seems to delight in such a situation, and here develops lovely drooping foliage sprays, often decorated with the delicate little flowers.—Ed.]

**Tuberous Begonias.**—Those who want a thing of beauty all summer in pots, should get some Tuberous-rooted Begonias in spring, and their wishes will be gratified, if they have the success I had last summer. I sent for the bulbs, and such beauties as I did raise! There were three shades of red, one white, and one lemon color. One of the bright reds was over four inches in diameter, and several others were three inches. The white and yellow were the smaller. The red ones were simply gorgeous, lasted so long, and were the admiration of all who saw them. How I enjoyed the growth of the plants, then of the buds, until their full development, and how grandly was I repaid, both for the small outlay of purchase money, and the time and attention bestowed! Elizabeth H. Coale.

McLean Co., Ill., Nov. 23, 1901.

**Swainsonia.**—Swainsonia, planted in pots and plunged in the ground on the north side of the house during summer, can be taken in and kept in a cool room during winter. Pinch out to promote branching, and give good drainage. This plant should always be kept cool and sprayed occasionally during winter with Ivory soap suds. With proper soil and drainage it surely will respond with its delicate racemes of fragrant bloom.

Adams Co., Miss., Apr. 28, 1901. S. D. G.

## ROOTING SLIPS.

YOU who have trouble in rooting slips, try giving bottom heat. One March I was given a box of nice slips of assorted plants, and because charcoal was a little scarce I filled in the pots and cans with live coals, nearly half filled them, then the sandy soil was poured into the pots to within half an inch of the top. A hole was made in the center of the pot with the finger; in this hole the cutting was placed (aiming to have an inch below the surface), tepid water was poured in, the soil pressed closely around the stem, the plants placed in a moderately warm room some eight feet from the windows, the foliage sprinkled every second day, and all those plants grew nicely.

Vermillion Co., Ind., Mar. 7, 1901. E. C.

## GAS AND TROUBLE.

Comes from White Bread.

While it is true that we build up the body from food, it is also true that different kinds of food have different effects on the body and produce different results.

For instance, it is absolutely impossible to live on white bread alone, for it contains almost nothing but starch, and an excess of white bread produces gas and trouble in the intestines, while, at the same time, the other elements required by the body for building up brain and nerve centers, as well as muscular tissue, have been left out of the white bread, and we see from experience the one trying to live on white bread alone gradually fails in mental and nervous power as well as loss in muscle.

Such a diet could not be kept up long without fatal results. A lady in Jacksonville, Fla., was crippled by an accident two years ago. Being without the power of exercise, an old stomach trouble that was hers for years became worse, and it was a serious question regarding food that she could digest.

A physician put her on Grape-Nuts Breakfast Food with some remarkable results. She says now that, not only is she able to do a big day's work, because of the strength of her brain and nerves, but that she has finally thrown away her crutches because the muscles of her limbs have gradually grown stronger since she began the use of Grape-Nuts. and now she is practically well and can go about without trouble, notwithstanding the fact that it was said she would never be able to walk again. So much for eating the right kind of food instead of remaining an invalid and a cripple because of the lack of knowledge of the kind of food to use to bring her back to health. Name given on application to Postum Cereal Food Co., Ltd., Battle Creek, Mich.



## ABOUT GLADIOLUS.

THREE years ago I received two Gladiolus bulbs. I planted them in the garden; both bloomed, one a very light shade of pink with dark eye, and one a shade of red bordering on scarlet. When I lifted them in the fall I found one bulb had multiplied; there were fifteen or twenty tiny bulbs clustered around the parent bulb; these carefully saved and planted in a bed by themselves the next spring. I continued to do the same each year, and the bulbs continued to multiply. This year I had twelve distinct varieties from those two bulbs, varying in color from fiery scarlet to almost white, and all very beautiful. One variety of deep cream with dark eye and markings is extremely fine. When I lifted them this fall I carefully counted them. I had one hundred and thirty-two large flowering bulbs, and eight hundred and seventy-five baby bulbs, all the way from the size of an apple seed to a hickory nut. Gladiolus are easily grown as potatoes; they make most beautiful bouquets. I have had them keep fresh and bright two weeks by changing the water and snipping off the stem ends once or twice, and every unopened bud will grow and bloom in the vase. Our Gladiolus bed is the pride of our flower garden.

S. Minerva Boyce.

Washington Co., Vt., Nov. 2, 1901.

**Winter Blooming Plants.**—A great many of the failures in having really satisfactory winter blooming plants, lies in late planting. I lift thrifty, stocky plants of a fine variety of Geraniums, Lantanas, Heliotrope, Alvia, Feverfew, Tea Roses and others, and trim them well back to insure a bushy growth. Prepare a good compost of well-rotted manure, chip dirt and loam, with a little sharp sand, and pot the plants, firm the soil and water well. Then I set them in a cool, dark, shady place, as under large plants or shrubbery, and keep moist, but not wet. In a few days new growth will begin, then I bring to the light and sunshine, and add a little ammonia to the water to hasten the growth. In about a month, say the 1st of October, I commence fertilizing with a weak cow manure tea. I place my plants in an east or south window, and in a few weeks they will be loaded with bloom. These plants, with Acalypha, Anettia, Impatiens Sultana, a few Pinks, uttercup Oxalis and a few pots of Freesias and Hyacinths, with a few plants for the half shady window, as Primroses, Smilax and Asparagus, keep my windows bright all winter.

Mrs. T. G. M.

Muscatine Co., Iowa, Sept. 9, 1901.

**To Grow Cannas from Seed.**—I file the seed and soak in hot water for twenty-four hours, then plant. They come up in a week.

Mrs. E. H. Howlett.

Pocahontas Co., Iowa, Aug. 20, 1901.

## CLEMATIS BEETLE.

I HAVE been trying for years to find a remedy for "Clematis" beetle, a striped bug, which eats up my Clematis paniculata. Paris Green kills the bugs, and also the leaves. This year I let it run into a "Memorial" Rose, Wichuriana, and no bugs have appeared. The vine is very large, and is now in full bloom, and perfectly grand. The Rose forms a good background and frame work. If it proves a protection also, I will indeed be pleased.

S. E. H.

Durham Co., N. C., Aug., 1901.

QUAINT PHILOSOPHY  
In An Advertisement.

When a man acts as he believes the Infinite within him would have him act, he draws power to himself from unseen sources; that power may be shown in many ways.

Things work smoother, plans carry out, people begin to say, "lucky;" "he's a winner;" "everything he touches succeeds," etc., etc.

Ever try it? If you ever do, you will agree that it is the greatest proposition on earth.

There is a marvelous potency behind the man who acts in a simple, straightforward way, as near as he knows, in accordance with the promptings of that invisible Deity within.

This should teach him that great and honorable work is ahead; Man at once the tool and a part of the master workman.

The tool must not be dulled and ruined by bad food, tobacco, whiskey, coffee, etc. You question including coffee among "bad habits." None of these habits are bad habits unless they weaken or lessen the clean cut power of the individual. If they do, quit them. If food and drink are not well selected, change. Put your machine in clean, first-class shape. It is the purpose of this article to suggest a way to keep the body well so it can carry out the behest of the mind.

A sure and safe start in the right direction is to adopt Grape-Nuts Food for every morning's breakfast. It is delicious, pre-digested, highly nourishing, and will put one far along toward doing his best in life's work.

Follow this with abandonment of coffee, if it does not agree with you, and take in place of it, Postum Cereal Food Coffee, for its regenerating and vitalizing nourishment.

With a wise selection of food and drink, man can quickly place himself in shape where the marvelous Directing Power will use him for some good and worthy purpose.

Sense, just plain, common sense.

# DO YOU GET UP WITH A LAME BACK?

## Have You Rheumatism? Do You Have Bladder or Uric Acid Trouble?

Pain or dull ache in the back is unmistakable evidence of kidney trouble. It is Nature's timely warning to show you that the track of health is not clear.

If these danger signals are unheeded, more serious results are sure to follow; Bright's disease which is the worst form of kidney trouble may steal upon you.

The mild and the extraordinary effect of the world-famous kidney and bladder remedy, Dr. Kilmer's Swamp-Root, is soon realized. It stands the highest for its wonderful cures of the most distressing cases. A trial will convince anyone—and you may have a sample bottle free, by mail.

### Backache and Urinary Trouble.

Among the many famous cures of Swamp-Root investigated by PARK'S FLORAL MAGAZINE, the one we publish this month for the benefit of our readers, speaks in the highest terms of the wonderful curative properties of this great kidney remedy.

DR. KILMER & Co., Binghamton, N. Y.

GENTLEMEN:—When I wrote you last March for a sample bottle of Swamp-Root, my wife was a great sufferer from backache, rheumatism and urinary trouble. After trying the sample bottle, she bought a large bottle here at the drug store. That did her so much good she bought more. The effect of Swamp-Root was wonderful and almost immediate. She has felt no return of the old trouble since.

Oct. 1901.

F. THOMAS.

427 Best St., Buffalo, N. Y.

Lame back is only one symptom of kidney trouble—one of many. Other symptoms showing that you need Swamp-Root are, obliged to pass water often during the day and get up many times at night, inability to hold your urine, smarting or irritation in passing, brick dust or sediment in the urine, catarrh of the bladder, uric acid, constant headache, dizziness, sleeplessness, nervousness, irregular heart-beating, rheumatism, bloating, irritability, wornout feeling, lack of ambition, loss of flesh, sallow complexion.

If your water when allowed to remain undisturbed in a glass or bottle for twenty-four hours, forms a sediment or settling, or has a cloudy appearance, it is evidence that your kidneys and bladder need immediate attention.

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Swamp-Root is the great discovery of Dr. Kilmer, the eminent kidney and bladder specialist. Hospitals use it with wonderful success in both slight and severe cases. Doctors recommend it to their patients and use it in their own families, because they recognize in Swamp-Root the greatest and most successful remedy.

**To Prove What SWAMP-ROOT, the Great Kidney, Liver and Bladder Remedy, Will do for YOU, Every Reader of Park's Floral Magazine May Have a Sample Bottle Absolutely Free by Mail.**

If you have the slightest symptom of kidney or bladder trouble, or if there is a trace of it in your family history, send at once to Dr. Kilmer & Co., Binghamton, N. Y., who will gladly send you free by mail, immediately, without cost to you, a sample bottle of Swamp-Root and a book of wonderful Swamp-Root testimonials. Be sure to say that you read this generous offer in PARK'S FLORAL MAGAZINE.

If you are already convinced that Swamp-Root is what you need, you can purchase the regular fifty-cent and one-dollar size bottles at the drug stores. Don't make any mistake, but remember the name, Dr. Kilmer's Swamp-Root, and the address, Binghamton, N. Y.



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# ALL OF THESE CHOICE SEEDS FOR A FAVOR.

I WANT EVERYONE who loves flowers to become acquainted with **Park's Floral Magazine**, the popular floral monthly of America, and to this end, wish to have the names and addresses of flower-lovers in every community. I therefore make the following offer:

**To Everyone** who will send me a list of from five to ten names and addresses, plainly written in ink, of persons who would be likely to subscribe for **Park's Floral Magazine**, I will mail all of the described seeds, twelve varieties, put up in beautiful lithographed seed bags, with full cultural directions. They are as follows:



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CANDYTUFT.



CELOSIA.



CHRYSANTHEMUM.

**Aster**, Double Rose-flowered, very beautiful, large double flowers, 20 colors mixed.

**Candytuft**, large clusters of white, lilac and carmine flowers. Fine in beds or bouquets.

**Celosia**, Plumbe-flowered, a showy and beautiful annual; feather plumes of white, yellow, scarlet, etc.

**Chrysanthemum**, annual, double and single varieties; bloom all season; splendid colors mixed.

**Dahlia**, Single, in many rich colors, also spotted and blotched. Seedlings bloom early the first season.

**Mignonette**, beautiful new large-flowered, mixed colors. Lovely for the garden, fine for bouquets.

**Axistertium**, climbing, splendid, fragrant flowers in all the new, rich shades. Everblooming.

**Phlox Drummondii**, cuspidate and fringed in special mixture, very rich and handsome.



DAHLIA



MIGNONETTE



PHLOX DRUMMONDII

The above eight packets of Choice Seeds could not be purchased of most dealers for less than 40 cents, but I will add four more packets, superb perennials, each of which usually retails at 10 cents per packet, 40 cents worth additional, as follows:



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**Ten Weeks' Stock**, Large, early-flowering Dwarf, seed saved in Germany from selected pot-plants, by a German specialist. Double flowers in spikes, richly scented and of many fine colors. Fine for beds or pots.

The above 12 packets of Choice Seeds, really worth 80 cents at retail stores, will all be sent for five addresses. It is an imperative condition, however, that 10 cents be sent for a trial subscription to **Park's Floral Magazine**, or 50 cents for a five-year subscription. Don't send the names without the subscription.

**Get Up a Club**.—For five subscriptions (50 cents) I will send the agent five of the above collections, and Pansy, Petunia, Coxcomb, Schizanthus, and Forget-me-not extra. For 10 trial subscriptions (\$1.), I will send 10 lots, with the five extras (125 pkts.), also a splendid large bulb of the glorious New Aigberth Amaryllis. **ORDER NOW.** Address

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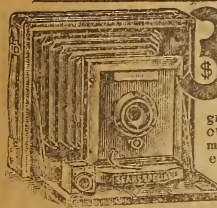
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**FREE**

Send us to-day, your name and address on a postal and we will mail you FREE our handsome Illustrated Seed Catalog containing Blue Bill and plan good for 50c worth of Flower or Vegetable Seeds FREE. Your selection to introduce

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on above plan. Write quick. Send names of neighbors who buy seeds. \$100 cash for best list. See the catalogue.

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**EARLY MICHIGAN**  
**POTATO**

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HOME WORK 60c a sheet copying. Send stamp. Wholesale Supply Co., South Bend Ind.

## CORRESPONDENCE.

Mr. Park:—I always enjoy reading the Magazine, and now have five volumes bound together with a ribbon, which I often refer to; the Index is fine. I have a bulb bed, though not artistic in design, nor the colors arranged according to science, yet it is a bright, cheerful spot for weeks in the spring, before the Roses, Lilies and numerous other hardy plants, shrubs and vines begin to bud. In this bed there has been placed many bulbs. Crocus, Tulips, Narcissus, Hyacinths, etc., and what a pleasure it is to watch them as they start, and later to count and note the different shades and markings. An acquaintance drove into the yard last spring and said if he could have such a bed as that at his home he would give five dollars in a minute. I remarked as I was told of it later, that any one could have a much prettier bed than that next spring, with a little labor, for less than five dollars. By scattering a few seeds of Coreopsis, Dwarf Nasturtiums, Sweet Alyssum and similar annuals we can have flowers on this bed all the season, while the bulbs are resting. I wonder why there are not more Hardy bulbs planted.

Conn. Valley Reader.

Hampshire Co., Mass., Dec. 7, 1901.

Mr. Park:—I have been taking your Magazine for about a year and a half, and like it very much indeed. It has been a great help to me already.

H. E. Murray.

Albert Co., N. B., Can., May 27, 1901.

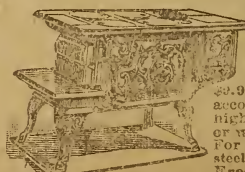
## EDUCATIONAL NOTICE.

A subscriber of ours, a prominent business man of Boston, writes that he will be very glad to hear from any ambitious reader of Park's Floral Magazine who desires a technical education, and has not the means to attend school. This gentleman, whose name is withheld at his request, has at his disposal a few scholarships in a well-known educational institution. If you are ambitious and in earnest, write to W. L. B., Box 3737, Boston, Mass.

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# BURPEE'S SEEDS ARE THE BEST THAT CAN BE GROWN

If you want the choicest vegetables or most beautiful flowers you should read **BURPEE'S FARM ANNUAL FOR 1902**,—so well known as the "Leading American Seed Catalogue." It is mailed **FREE** to all. Better send your address **TO-DAY.** **W. ATLEE BURPEE & CO., PHILADELPHIA.**

## GOSSIP.

Mr. Park:—I am a dear lover of flowers, and have been all my life, and every time I read of the old-time gardens, it carries me back to my mother's and grandmother's gardens, for they both had flower gardens. Their gardens contained flowers I have never seen since, flowers we called cups and saucers. They were double, that is one flower grew out of the center of the other, of an orange color, and such a delicate fragrance. It is one variety of Primrose. Another species of Primrose that came up in early spring, was about six inches high, with lovely lilac flowers with a yellow throat. Another tall flower we called Princess Feather, grew three and four feet tall, with lovely pink plumes and a wintergreen fragrance. Also, another my mother called Rose of Sharon. It grew up about four feet high, and had large pink flowers, resembling a half open Hollyhock, only much larger. The stocks die in winter. The old variegated Rosos and the little eleven penny Rose, or hippenny bit Rose, as it was then called (the Burgundy Rose)! How it comes back to mind when I read the Sisters' letters, and that mother is now lying beneath the sod. How I would love to have some Sisters write and tell me where I can get them again. May be our kind Editor may have them, or a part of them. I have been waiting to see his Catalogue so I can send for seeds.

Austin Co., Mich., May 12, 1901

Chattie.

Dear Band:—I had some lovely yellow Snapdragons with small brown spots last season that I raised from seed. I sowed a packet of Daisy seed last spring, and the plants were in bloom the first of this month, although it is cold and cloudy here. Pinks, Verbenas and Phlox are my favorites for the summer garden. I must tell you of my neighbor's hanging basket. It is just an old pan filled with good soil, and pink Phlox planted in it, and I am sure each of the stalks are two feet in length, but they are not weak looking at all. The upper half of the window is completely filled with the lovely blooms. I have grown Phlox for twenty years, and my own garden would be incomplete without them, but I never tried to grow them in the house. My own double window in the sitting room is filled with plants, many of them in bloom, and many of them large specimen plants; but my eyes stray often to a window filled with Phlox. I have a Perennial Candytuft in my garden that gives me a great deal of pleasure. It is so white and beautiful. I want to add perennials to my garden each year until I have it full.

Mrs. E. Keefe.

Caldwell Co., Mo., Apr. 12, 1901.

Dear Sisters:—I am a shut-in and my greatest pleasure is my flowers. I have over fourteen kinds of Geraniums, some of them two and one-half feet high, with lovely trusses of flowers. I have two Petunias budded for Christmas, their pure white blooms amid the dark green leaves make a beautiful center-piece for the table on Christmas. I have several beautiful Cactuses. I put pieces of line around the edges of my Cactus pots, just under the soil. Try this plan and you will be surprised at the progress they make.

E. Lane.

## CALIFORNIA'S OIL BOOM.

No work—invest \$5 and get dividends of \$25 per month. \$50 gives you \$250 per month. Write for particulars to-day. **MR. HAMILTON LANE & CO., "M"** Rea Bldg., San Jose, California.



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For \$12.98 without reservoir or shelf; \$18.60 with reservoir, high shelf and closet, exactly as illustrated, we sell this big steel range that others advertise and sell at \$25.00 to \$35.00. **WE UNDERSELL EVERYONE IN STOVES AND RANGES. WRITE FOR FREE STOVE CATALOGUE.**

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Sofa and Pin Cushion Designs, many never before published; book contains besides lessons on embroidery and on Battenburg Lace making, all illus., alone worth 50c each; also illus. lists of materials and quilting designs, including 100 fancy stitches for patch work. Regular price is 25c, but to each reader of this paper we will send a copy postpaid for 10c. Write

Sundowner.

today. **LADIES' ART CO.,** Box 9 A, St. Louis, Mo.



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five cents buys this **SERVO, FIVE DRAWER, DROP HEAD OAK CABINET SEWING MACHINE**, a thoroughly reliable, high arm, 20-year guaranteed machine, the equal of machines advertised by other houses at \$15.00 to \$20.00. **\$15.20** buys our **MINNESOTA**, the highest grade machine made. For big illustration and complete description write for our

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furnish the work and teach you free, you work in the locality where you live. Send us your address and we will explain the business fully, remember we guarantee a clear profit of \$3 for every day's work, absolutely sure. Write at once. **ROYAL MANUFACTURING CO.,** Box 532, Detroit, Mich.

## Real Estate Wanted

and for sale. If you want to sell or buy (no matter where located) send description and cash price and get (FREE) my successful plan. **W. M. OSTRANDER,** North American Bldg., Philadelphia, Pa.

Your attention is called to the advertisement of the Sure Hatch Incubator on page 25 of this issue.



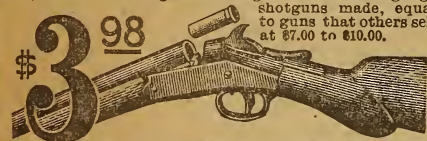
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**\$3.98** buys our BREECH LOADING, AUTOMATIC SHOTGUN. The Long Range Win-  
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Write for full details. For the garden, farm, poultry house, barn, orchard, etc. Self-operating. You hold the hose—the Sprayer does the work. Exterminates insects from Vegetables, Sprays Trees, Showers Gardens, Washes Carriages, Cleans Windows. Our new **"Kant-Klog" Nozzle** IS A DANDY. CAN BE USED ON ANY SPRAYER SPECIAL OFFER: For next 10 days to introduce this wonderful new nozzle we will send sample and take your old nozzle as part pay. Agents make big money. Rochester Spray Pump Co., 13 East Ave., Rochester, N. Y.

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**6 OAK FRAME OVERSTUFFED COUCH.** Grows deep button tufting, best springs, fine velour cloth covering. Other handsome couches \$3.98 and up. We undersell everyone on all kinds of furniture. WRITE FOR FREE FURNITURE CATALOGUE. Address, SEARS, ROEBUCK & CO., CHICAGO, ILL.

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Our 200-page book "The Origin and Treatment of Stammering" sent Free to any address. Price 6 cents to pay postage. LEWIS STAMMERING SCHOOL, 36 Adelaide St., Detroit, Mich.

## MAGAZINE APPRECIATED.

Mr. Park.—I esteem your Magazine very highly. It is full to the brim with just what we wish to know, and often the very knowledge we have been wishing for comes right to our hand. For instance, I did not know what to do with a Lemon Lily, as I had read of their blooming nicely in the house, but the next number of the Magazine told me they were hardy, so I decided to leave mine in the ground. I have lost a number of nice plants by not knowing how to treat them. A blue Paris Daisy I lost by leaving it out, but learned through the Magazine, when it was too late, that it is a winter bloomer. A lesson for the future. Phebe S. Mugg. Sandusky Co., Ohio, Oct. 11, 1901.

Mr. Park:—I look for the monthly visits of the Magazine, and will soon send 25 cents for renewal. I could not get along without it. There is so much to be learned from its pages. Josie Kendig. Pierce Co., Wash., Nov. 12, 1901.

Mr. Park:—I enjoy your Floral Magazine very much, and find in each number some useful information in regard to plants—sometimes the very thing I have need of at the time. Mrs. G. A. Tyler. Middlesex Co., Mass., Oct. 28, 1901.

Mr. Park:—I have been taking your Magazine several months, and I am just delighted with it. I do not want to be without it any more. Mrs. Nannie H. Edmonds. Rains Co., Texas, May 5, 1901.

Mr. Park:—I feel as if I cannot do without your Magazine. It is superior to two others that I have been taking. Mrs. R. Cantelon. Edgefield Co., S. C., Feb. 1, 1901.

My Begonia.—Dear Band: I have a Begonia which is the least care of any I ever had. The stems are red. It has been full of pretty, pink flowers all summer. All it wants is plenty of drink till fall, then I cut the top off and put in the cellar till spring. S. Loney. Nevada Co., Cal., Nov. 18, 1901.

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## BIG BRASS BAND OFFER.

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## CHILDREN'S CORNER.

Dear Mr. Park:—I received the bulbs that you sent me and was pleased with them; those that I sent for last fall came up nicely, and I kept them in a dark, warm closet for three weeks and then brought them into the light, and about January they bloomed. My friends seeing them said they were going to send for some. I have taken your Magazine for a year, and I am much pleased with it. I also like to read the Children's Corner. Mamma says I can send after more flowers in the spring. I will let you know later how these you sent me are growing. I go to the public school, and I am in the sixth grade. I am twelve years old. I will close.

Martha Ankla.

Caroline Co., Md., Oct., 14, 1901.

Dear Mr. Park:—I have taken your Magazine for nearly two years, and like it very much. I like to read the Children's Corner. I have had a garden ever since I was six year old, and I am ten now. I like gardening very much, and I intend to be a gardener when I grow up. Last year I had a hot bed and this year two, and have made lots of money by selling plants. I have three pigeons, and papa has some chickens and two cows, and baby has three cats. I have three brothers, but no sisters. My name is Gordon. My brothers' are Edward, Clive and Murray the baby.

Gordon St. Clair Planta.

B. C. Canada, Oct. 27, 1901.

Dear Mr. Park:—My sister takes your Magazine, and I like to read the letters in the Children's Corner. Our flowers are very nice. I have a little garden of my own. For pets I have two kittens, one duck, and one big red dog. I am in the fourth reader. I have one brother and one sister. My brother's name is Joe, and my sister's name is Katie. We milk four cows, and have six horses; their names are Billy, Dolly, Charley, Prince, Nell and Fanny.

Clara E. Koehler.

Sioux Co., Iowa, Oct. 12, 1901.

Dear Mr. Park:—I am a little girl thirteen years old, and mamma takes your Magazine. I like to read the Children's Corner and about the flowers. I love flowers. I go to school and like my teacher very much. I have two sisters and two brothers. I am a lover of Pinks, Pansies and Roses.


Susie M. Snoke.

Cumb. Co., Pa., Nov. 4, 1901.

Dear Mr. Park:—My mamma takes your Magazine and gets her seeds from you. I am nine years old and am in the third grade. I have a pet cat and his name is Tom. Mamma had a great many plants this summer, and I took a great many flowers to school and to a sick lady.

Hazel Lockward.

Oneida Co., N. Y., Nov. 12, 1900.



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working steadily a tone time can not hatch so many chicks as one of our 200-egg size

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You'll know exactly why when you read a copy of our 158-page Catalogue. We mail it for four cents. Five Catalogues in five different languages. Box 139 Des Moines, Ia. or Box 169 Buffalo, N. Y.




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Seed Farms  
Dept. L-38. ROCKFORD, ILL.

Dear Band:—I have been much interested in the discussions on "back-yards," that have been going on in several floral papers I read. And the women are not altogether to blame for the condition of these back yards, either. Said a lady, a hard working, old farmer's wife, where I was calling one day last fall, "I can't have nice flower beds, because we have two large dogs, and they lie on and roll over everything like soft clay." But she did have a lovely hedge of Dahlias along two sides of her nice yard; and in her garden there was such an assortment of splendid vegetables as one does not often see. "Yes," she said, "I always buy the best seeds. It pays best." So a true flower lover will find something that can be grown, and thus satisfy her womanly love of beauty.

Mrs. Marshall.

Indiana Co., Pa., Nov. 18, 1901.

Flower Notes.—Dear Sisters: I dropped some seeds of Hyacinth Bean in a rich bed under my Snowball tree and the trees look to be in bloom again. My Perennial Peas bloom without any trouble at all. I have heard so much complaint of them I was almost afraid of them. Torenia came up all over my garden, and I have them just where I can. The Japanese Spider Lilies are putting up their heads of bloom. They look so funny blossoming without leaves. My California Violets grow in an unprotected bed, and bloom nearly all winter; some of the leaves are nearly five inches across. I have a Canna freak: last year I had a deep red Canna in a box and this year it turns out yellow with red spots. Did any one else ever hear of the like?

M. M. Tate.

McDowell Co., N. C., Sept. 22, 1901.

Dear Band:—Have any of the Floral Sisters ever made a practice of taking large bouquets of evening bloomers to their place of worship at evening services? I think they would be fully repaid for their trouble. At one evening service that I attended there were two very large bouquets of Datura or Sweet Nightingale and Nicotiana affinis. They filled the whole church with their sweetness, and the effect was very beautiful under the electric light. A blue vase or jardiniere sets off their beauty to better advantage.

Mrs. Ella Birkey.

Ogle Co., Ill., Nov. 15, 1901.

Summer Standbys.—Dear Band. I have four bulb beds that I alternate between Asters, Petunias, Dianthus and Verbenas. These with Snapdragons and Pansies are my summer standbys for beds. I try a few novelties each year, but every year add new varieties of those old favorites.

Mrs. Marshall.

Indiana Co., Pa., Nov. 18, 1901.

LADIES something new making sofa pillows at home; \$7 to \$12 weekly; materials furnished; no canvassing; steady work. Send stamped addressed envelope. HOUSEHOLD MFG. CO., Erie St., Chicago.

LADIES WANTED to work on SOFA PILLOWS Materials furnished. Steady work guaranteed, experience unnecessary. Send stamped envelope to Miss S. McGee, Needle Work Dept., IDEAL CO., Chicago, Ill.

\$50 A month distributing samples. Enclose stamp. Inter'l Dis. Bureau, 150 Nassau Street, New York.

\$8 Paid Per 100 for Distributing Samples of Washing fluid. Send 6c stamp. A. W. SCOTT, Cohoes, N. Y.



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## A PLEA.

Come, scatter out the bread crumbs  
For the birds that did not go  
To a warm and sunny climate,  
When the bleak winds brought the snow.

Your recompense will amply come,  
For the joy the bread crumbs bring,  
As you see the birds come, pick and eat,  
And hear them as they sing.

Then too, when Winter days are past,  
And we have warm and sunny hours,  
The birds will drive away the pests  
That harbor 'mongst the flowers.

Allen Co., O., Oct. 8, 1901.

Lizzie Mowen.

## CHILDREN'S CORNER.

Dear Mr. Park:—I am a little girl nine years old. I go to school every day. Mamma takes your Magazine, and I like it very much. I have two very pretty kittens, and a doll to play with. Your friend,  
Anetta Randall.  
Armstrong Co., Nov. 20, 1901.

Dear Mr. Park:—I am an American girl thirteen years old. I love to read the Children's Corner. For pets I have a bird; its name is Dick; three cats, three chickens, seven dolls and a colt. I love flowers. My mother has a good many flowers, has taken your Magazine for several years, and likes it very much. I hope that this little letter will find its way to the Children's Corner.  
Lucie Osborne.

Dear Mr. Park:—My mamma takes your Magazine, and I love to read the Children's Corner. I am eight years old. I have a Rose in bloom now. It had four blooms and has more buds. Mamma has some Chrysanthemums in bloom. I have a horse named Frank. I love Pansies and Roses the best.  
Kate Hanson.

Burt Co., Neb., Nov. 7, 1901.

Dear Mr. Park:—I am a little girl ten years of age. My mamma takes your Magazine. I enjoy reading the Children's Corner very much. I have two cats, their names are Topsy and Spotty. I live in the country and go to school. I am learning to play on a Harp-Zither. My mamma got some flower seeds and this fall our front yard was beautiful with Cosmos; we gave a great many away. I have a brother in the army in Cuba.  
Alice C. Fenton.

Monmouth Co., N. J., Nov. 21, 1901.

Dear Mr. Park:—Mamma takes your Magazine. I am a little girl seven years old. I go to school and am in the third grade. I like to read the Children's Corner. Mamma sent last spring and got some flower seeds. I love flowers.

Lora Trail.

Livingston Co., Ky., Nov. 22, 1901.

Dear Mr. Park:—I am a little girl fourteen years old. My mamma takes your Magazine. I think it is very nice; I love to read the Children's Corner. I live in the country and go to country school. I have two sisters and one brother. I am the oldest. I love flowers very much.

Sina Midthun.

Dane Co., Wis., Oct. 18, 1901.

**LADIES** to do plain needlework for us at home. We furnish materials and pay \$7 to \$10. per week. Send stamped envelope to **STANDARD CO.**, Indiana Ave., Chicago, Ill.

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I had been ailing for fifteen years from backache, headache, constipation and prolapsus. I had been treated by some of the best specialists in the country without avail. Your brace cured me. The organs have gone back to proper position and remain there.

Mrs. G. O. Shuman.

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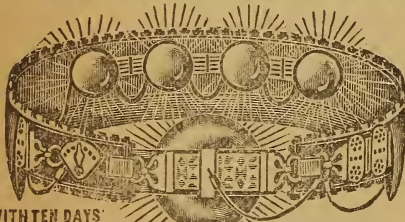


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## CORRESPONDENCE.

Dear Mr. Park:—I have had the popularity of your Magazine proven to me in a manner that did not admit of a doubt. I have taken it myself for years and always thought it a little floral gem, but I never realized the extent of its circulation until in a rash moment I inserted just three little lines in the exchange column. I forgot all about it until the letters began to come in. In fact they began before I knew the exchange had been printed, as I had not yet received my copy of the Magazine for that month. Down South here it takes it a good while to reach us sometimes. Well, the letters and cards came and continued to come, and came morning, noon and night until I was overwhelmed. Still the avalanche continued, letters came from Maine to California, and from Canada to New Mexico. They are still coming, and I don't know when it will end. I have made many very satisfactory exchanges and received many delightful letters, and made some charming floral friends. I have answered all who sent, and if my supply of the plants I offered had been limited I would have found myself "swamped." As it is, the postage has almost made me a bankrupt. My purse is in a very collapsed condition indeed. It looks as if the proverbial old elephant had stepped on it. I say, Sisters, beware of the seductive exchange unless you are "flush" and able to employ an assistant. But seriously I think it is very kind in the Editor to allow us this privilege, as it enables some of us who are not able to pay high prices, to get a nice collection at small cost. I find most flower lovers very generous; and it is very pleasant to receive letters from other flower lovers in various parts of the country. This was my first experience with the exchange, and I have enjoyed it very much, and think I will try it again when I grow another unlimited supply.

Mrs. L. G. Cordts.

Madison Co., Miss., Nov. 17, 1901.

Mr. Park:—How can you afford it? I mean to spring such surprises on your subscribers. Those beautiful bulbs that you give us for a little writing! I thought they would be little mixed ones at the best, and one would have to wait several weeks for them. But in just four days from the date of my letter I received a package of large bulbs, 27 of them, all named, wrapped separately, and postage paid. No wonder your subscription list is in the hundred thousands if you practice this singular way of doing business. The extra Magazines I receive I hand to friends and hope they will bring you some subscribers. Eliza M. Beatty.

McHenry Co., Ill., Nov. 21, 1901.

Mr. Park:—I like the Magazine and find it very helpful. My mother made me a Christmas present of it two years ago, and this year I subscribed for it myself. I love plants and always have pretty good success with them, sometimes in the face of adverse conditions. One winter in a well-lighted north window I had a Begonia gigantea rosea, a Begonia incarnata and a blue Ageratium, blooming profusely and beautifully all winter, and a Crystal Palace Gem Geranium in the same window showing larger leaves and more vivid shades of green and yellow than I have seen before or since on a plant of the kind. Mrs. Freeman.

Luzerne Co., Pa., Nov. 19, 1901.

**STEADY HOME WORK** for ladies. No canvassing; no deposit required; no worthless outfit to buy. Send stamped envelope to Dickey Mfg. Co., Dickey Building, Chicago, Ills.



NEW Sample Styles ENVELOPE, SIX Colors of all the FINEST Styles in Gold Beveled Edge, Hidden Name, Silk Fringe, Envelope and 3 Acquaintance Cards, Standard Bean Catcher, &c. All for 2 Cents. CROWN CARD CO., B1 6, Columbus, Ohio.



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## PLAYS

Best List of New Plays. 325 Nos. Dialogs, Speakers, Hand Books, Catalog free. T. S. DENISON, Pub., Dept. 16, Chicago



Dear Band:—Passing through my Frost-wrecked garden to-day to see what I could find, I saw a few bits of color here and there. The Calendulas were still making a brave show, turning their bright faces skyward, and beside them their dainty little neighbors, the Daisies, were doing almost as well. Of course the Pansies were almost as copper, as in days when frosts were unknown—intent to keep right on sending out sweet faces, until snow covers them up. I am sorry to part with my summer beauties and to have to give them up so soon, as we always must in this north latitude. It might seem to some to be a waste of time in the beginning to fuss with annuals. But I would not miss the rest and pleasure they have given. There are fragrant bouquets of Sweet Peas, the lovely dishes of Balsams and Daisies—these last are very effective arranged on a mound of wet sand, using different colors—the gay decoration of Poppies—which will keep if gathered early in the morning or when cloudy; but what if they don't, they will keep long enough for a table center anyway, if gathered just before the meal is served. The brilliant Coreopsis and Nasturtiums, which work up so well together, and the magnificent bunches of Asters which are so handsome either about or with a few Stocks or delicate colored Petunias. I cannot forget the beautiful bouquet I was privileged to give a bride, which was made of white Comet Asters and very large, white fluted Petunias. And then just at the last some of the pure white Asters were laid upon a little coffin, holding the body of a dear little boy whose life had gone out suddenly by a dreadful accident. Yes, I am glad that flowers have had a part in my summer experiences, and I am already planning what I shall have if spared another year. They are so beautiful, so easily obtained, who would be without at least a few bright spots, made bright by their presence.

Mrs. Mary Currie.

Polk Co., Minn. Oct. 22, 1901.

Dear Floral Sisters:—I am a new subscriber but hope to become an old one. I wish to tell you of two plants I have, selected from the premium list. They are Acalypha Sanderiana and a Boston Fern. Although it is only two weeks since I received them, the Fern has three fronds, each over a foot long; and the Acalypha is throwing out its beautiful, peculiar blossoms and leaves all around the stem. The Fern is potted in turfy loam and rotten wood in a four-inch pot; and the Acalypha is doing well in a compost of rich soil, with a little sand and manure added. It is the greatest pleasure imaginable to watch a fine novelty unfold its leaves and blossoms; and I would advise all the sisters to secure these two plants.

Cousin Ella.

Marinette Co., Wis., July 31, 1901.

## Have You Asthma in Any Form?

Medical Science at last reports a positive cure for Asthma in every form in the wonderful Kola Plant, a new botanic discovery found on the Congo River, West Africa. Its cures are really marvelous. Rev. J. L. Combs, of Martinsburg, W. Va., writes that it cured him of Asthma of fifty years' standing, and Hon. L. G. Clute, of Greeley, Iowa, testifies that for three years he had to sleep propped up in a chair, being unable to lie down night or day from Asthma. The Kola Plant cured him at once. To make the matter sure, these and hundreds of other cures are sworn to before a notary public. To prove it beyond doubt its wonderful curative power, the Kolo Importing Co., No. 1164 Broadway, New York, will send a large case of the Kolo Compound free by mail to every reader of PARK'S FLORAL MAGAZINE who suffers from any form of Asthma. All they ask in return is that when cured yourself you will tell your neighbors about it. Send your name and address on a postal card, and they will send you a large case by mail free. It cost you nothing, and you should surely try it.

# FREE KIDNEY AND BLADDER CURE

Mailed to all Sufferers from Disorders of the Kidneys and Bladder, Bright's Disease, Rheumatism, Gravel, Pain in the Back, Dropsy, etc.

The following letter from Hon. I. A. Hopkins, Chairman of the Board of County Commissioners, Ellsworth, Kan., tells how Alkavis cured after he made up his mind that he had but a short time to live.

Gentlemen:—I believe and know that I owe my life to Alkavis. I had been troubled with Kidney and Bladder Trouble for years. My limbs were swollen with Rheumatism so that I could hardly walk. I had to get up every hour of the night to urinate. I passed great quantities of blood on account of hemorrhage of the Kidneys and Bladder. I tried and had been trying everything in the shape of Medicine for Kidney



Mrs. Mary Fox, Seymour, Iowa.

Trouble that I could think of or that the Doctors recommended, but nothing helped me. I made up my mind that I had only a short time to live. I sent to you for three bottles of Alkavis; began to take it, and before I had taken it one week began to get better. My Kidney Trouble and Rheumatism were soon gone and I am in good health now. I have recommended Alkavis to a great many people and all have been benefited by its use. Gratefully yours, I. A. HOPKINS."

Mrs. Ida A. Francis, of Mooresville, Ind., writes: "She has been bothered with Kidney and Bladder Trouble ever since she was six years old; did not get any rest day or night, and had to be up fifteen times a night at times. Was also troubled with Rheumatism, Female Complaint and Irregular Menses, also Symptoms of Dropsy. Tried many physicians but received little benefit. Two years ago took Alkavis and was completely cured and states that she will answer any letter that comes to hand concerning the wonderful medicine." Mrs. Mary Fox, Seymour, Iowa; Miss Viola Dearing, Petersburg, Ind.; Mrs. James Young, Kent, Ohio; and many other ladies join in testifying to the wonderful curative powers of Alkavis in various forms of Kidney and allied diseases, and in other diseases peculiar to womanhood.

That you may judge of the value of this Great Discovery for yourself, we will send you one Large Case by mail free, only asking that when cured yourself you will recommend it to others. It is a Sure Specific and cannot fail. Address, The Church Kidney Cure Company No. 521 Fourth Avenue, New York.

**LADIES:** Orange Lily is truly *Woman's Remedy for Woman's Ills*. My own experience proves that you cannot suffer long if you use this wonderful remedy. It cures Painful Periods, Leucorrhoea, and all female trouble like magic. I will mail one box free to every sufferer who has never tried it. MRS. H. P. FRETTER, Detroit, Mich.

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### A Three Weeks' Treatment For Thin-Blooded People.

Pleasant to take, harmless to the system. They cure Nervousness, Rheumatism, Indigestion, Blood Purifier and Tonic. A great flesh producer. You derive all the benefit and nourishment from these tablets that you would from the pure blood of a healthy bullock. Thin people gain ten pounds a month. It costs you nothing to try them. Better send to-day. Ten cents for the postage on the same. We send Tablets prepaid. **W. A. HENDERSON, Clarinda, Iowa.**

## OX-BLOOD TABLETS

## FREE TO EXPECTANT MOTHERS.

Dr. J. H. Dye has devoted his life to curing the ailments of women, and revealing especially the pains of child-birth, also the cure of sterility. He has proved that it is not natural for women to suffer in giving birth to children, and will gladly send to all women a book which tells how to give birth to healthy children without pain. All women who wish to enjoy the blessing of motherhood will receive just the advice she needs to enable her to become a happy, healthy mother. This will cost absolutely nothing; your name and address sent to Doctor J. H. Dye, Lewis Block, Buffalo, N. Y., will bring it postpaid. Write at once.

### A CURE FOR ASTHMA.

Asthma sufferers need no longer leave home and business in order to be cured. Nature has produced a vegetable remedy that will permanently cure Asthma and all diseases of the lungs and bronchial tubes. Having tested its wonderful curative powers in thousands of cases (with a record of 90 per cent. permanently cured, and desiring to relieve human suffering, I will send free of charge to all sufferers from Asthma, Consumption, Catarrh, Bronchitis and nervous diseases, this recipe in German, French or English, with full directions for preparing and using. Sent by mail. Address with stamp, naming this paper, **W. A. Noyes, 847 Powers Block, Rochester, N. Y.**

### GOSSIP.

**Star Flower.**—Dear Band: I had about twenty plants from a half packet of Star Flower seeds. I transplanted from the box into tiny thumb pots, setting each one in a saucer so as to be sure I watered them enough to not let them dry out. When the pot showed a net-work of roots, I transplanted to four-inch pots, where I kept them until they also showed the net-work of roots, when I gave them their final quarters. I planted them everywhere—in sun and shade and in all situations, only reserving two to experiment on. One of these I planted in the open ground, in very rich soil. It grew until nearly four feet high, when my horse nipped out the top (but he spit it out again). It never grew very high afterwards, not more than four and a half or five feet. I never measured it again. But, oh, the flower stalks! It had thirty-one stems and over four thousand blooms on it. I never let it go to seed at all, but every night went over it and picked off the dead blooms. That was the way I counted them. My prize Star Flower I planted from the four-inch pot into a half barrel, which had done duty the year before for Water Hyacinths. I filled my tub six inches deep with charcoal, from some wood we burned on the place, then put in a lot of bones, fine broken ones, and filled it up with nearly clear manure that was about three years old. Then I hollowed out a place in the center, about seven or eight inches deep, and put in three inches of clear sand, and set my ball of roots on this and filled in all around it with clear sand; this was to keep the manure from contact with the tender roots. For more than two weeks it never seemed to grow at all, then all at once it began and the seventh of August began to bloom. The grand leaves soon covered the tub completely. Every day I put the hose on and soaked it and every night sprayed it for an hour. I picked off the faded bloom every day, and counted only the faded ones. A great many dropped that were never counted at all. It did not have so many flowers at a time, nor so many during the season, as the one beside it in the ground, but the leaves were much larger, and the plants so much taller. Jack Frost leveled my beautiful plant last night. It was too large to bring into the house. I have had the tub taken to the cellar, and I will try to save the root for next year. **Ida Tolpfer.**

LaSalle Co., Ill., Nov. 6, 1901.

**Poem on Cactus.**—Dear Band: I notice that all the poets have certain favorite flowers to praise, but so far have slighted the Cactus. Will not some of the gifted ones write a poem on the Cactus, which is my favorite flower.

**Stodie L. Pattison.**

Otera Co., N. Mex., Oct. 23, 1901.

### DISCOVERED BY A WOMAN.

I have discovered a positive cure for all female diseases and the piles. It never fails to cure the piles from any cause or in either sex, or any of the diseases peculiar to women, such as leucorrhoea, displacements, ulceration, granulation, etc. I will gladly mail a free box of the remedy to every sufferer. Address **MRS. C. B. MILLER, Box 189, Kokomo, Ind.**

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weekly by representing us in her locality and as the position is pleasant and profitable the year round we will gladly send particulars free to all. Even your spare time is valuable. This is no deception, and if you really want to make money address **WOMAN'S MUTUAL BENEFIT CO., Box 27, JOLIET, ILL.**

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Instant relief, final cure in a few days and never returns; no purge, no salve, no suppository. Remedy mailed free. Address **C. J. MASON, Box 19, New York, N. Y.**

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Don't take an Agency until you have our offer. Big Profits. Advancement. TERMS and box of SAMPLES FREE. **LEWIS MEDICINE CO., ST. LOUIS, MO.**

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Send 10c for free samples and particulars of Dr. Jeans greatest discovery. Better than any monthly remedy. **JEANS MEDIC CO., 86 E. 22d St., Chicago, Ill.**

## LADIES

Dr. Strickland's Monthly Remedy relieves in 5 hours safe sure. Box Free. Send stamp for particulars. **Crown Chemical Co., Box 93, Milwaukee, Wis.**



**VALENTINES, 250 LACE AND COMIC VAL.**  
10c. A BIG PACKAGE OF BEAUTIES 25c. 1 gross COMIO  
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## EXCHANGES.

**NOTICE.**—Each subscriber is allowed three lines one time in twelve months. Every exchange must be wholly floral. Insertion not guaranteed in any certain month. Right reserved to exclude any exchange, or cut it down as the exigencies of space demand. All lines over three must be paid for at advertising rates. All letters received should be answered in order to avoid misunderstanding and dissatisfaction.

Mrs. O. A. Budd, Ruston, La., will ex. seeds of Wistaria, purple Jackbean and lavender Moonflower for seeds of annuals of all kinds.

Gertie C. Leib, 142 Richard Ave., Columbus, Ohio, will ex. Umbrella Plant, Golden Glow, Chrysanthemums and others for bulbs, and other plants.

Mrs. C. E. Sykes, Duck Hill, Miss., will ex. a large packet of choice mixed seeds for Carnation or hardy Phlox.

L. M. Gawthrop, Cheney, Box 70, Kan., has seeds of Catalpa and others to ex. for hardy bulbs, shrubs, or Strawberry plants; send.

Chas. F. Brower, carrier No. 43, Brooklyn, N. Y., has seeds of Cal. Hibiscus, white and pink Spider Lily, Moonflower and Cosmos to ex. for seeds or bulbs.

Mrs. Rachel Lafontaine, Sheil Knob, Mo., has Jonquils, Narcissus, Chrysanthemums, Roses, etc., to ex. for other hardy plants. Write.

Mrs. Sadie L. Pattison, Weed, N. Mex., has Iris, Cactus, Pine Cones, and Pine Needles for cushions to ex. for garden seeds. Write.

Mrs. Nora J. Underhill, Barlow City, Ky., has hardy Lilies to ex. for Tulips, Hyacinths, etc.

Miss Belle Hendricks, Boonville, N. C., has Caladium roots to ex. for Clematis Vines or house plants; write.

Lucia T. Falconer, Shelburne, Ont., Can., will ex. painting, minerals, hardy or house plants, hundreds of varieties, for medals, coins, old bills, Indian relics, or for old China or Delft if real old.

## GOSSIP.

**Dear Band:**—Two years ago, I saw, on a colored plate in one of my catalogues, an advertisement and picture of the *Streptocarpus grandiflorus*, hybrids, and wishing for something new, sent for the seeds. They were very fine, just a small pinch of brown dust, but after nearly three weeks over one hundred tiny plants came up; forty of these were transplanted, and thirty lived. After ten months the first one blossomed, and we compared it with the colored plate. The foliage was the same. The blossoms on the picture had a short tube with a wide border; mine had a long, slender tube with a narrow border. The color was a bluish white with purple stripe. They are easily cared for and blossom freely. Friends who have not seen the pictures call them pretty and are pleased with them. M. E. H. Middlesex Co., Mass., Oct. 12, 1901.

**Dear Band:**—I have found there is much enjoyment to be had from Perennials and bulbs—for if the latter are not hardy it is surely but little work to set them out or to take them up. Last year I got a *Rudbeckia Golden Glow*, and set it out with the expectation that it would be winter-killed; it seemed so small to stand our hard winter, but it came up in due season, and grew more than six feet tall, and I counted more than two hundred blossoms on it at one time. People called to see what it was and to get a plant of it, for as one good old farmer said, "There was never not bin like it seen in these parts," and the best of it is it will be still better next year. Mrs. F. M. Y. Penobscot Co., Maine, Oct. 4, 1901.

**FITS** Permanently Cured. No fits or nervousness after first day's use of Dr. Kline's Great Nerve Restorer. Send for **FREE \$2.00** trial bottle and treatise. Dr. R. H. KLINE, Ltd., 931 Arch Street, Philadelphia, Pa.

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I will send free a positive cure for all female diseases, irregularities etc. A simple home treatment, a common sense remedy that never fails. **FREE** with valuable advice. Mrs. L. M. HUDNUT, South Bend, Ind.

**LADIES** Royal Remedy relieves in five hours. Safe and sure. Box Free. Stamp for particulars. **HOMEREMEDY CO.**, Box 224, Milwaukee, Wis.

**LADIES** Our tablets cure the worst cases of profuse or delayed periods. **FRANK MCD CO.**, Buffalo, N. Y. 1 box Free.

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When I say I cure I do not mean merely to stop them for a time and then have them return again. I mean a radical cure. I have made the disease of **FITS, EPILEPSY or FALLING SICKNESS** a life-long study. I warrant my remedy to cure the worst cases. Because others have failed is no reason for not now receiving a cure. Send at once for a treatise and a Free Bottle of my infallible remedy. Give Express and Post Office.

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Recent United States Government Reports show that during the year 1900, the deaths from Consumption were fewer by 40,000 than in 1890. How great is modern medicine!

To successfully fortify the predisposed Consumptive against this human scourge is a mighty step in medical progress; to rescue actual subjects of the disease is a wonderful scientific achievement.

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Whether you have Consumption or not, if your powers of life are failing from any



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cause, you should not deny yourself the prompt benefit of the free offer which means health to you.

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EDITOR'S NOTE.—When writing the Doctor, please mention PARK'S FLOREAL MAGAZINE giving express and postoffice address and greatly oblige.